South Dakota State University
Promoting Leadership in Advanced-Research-Computing for INterdisciplinary Sectors 2023
(SDSU PLAINS REU 2023)

Application Instructions

Thank you for your interest in our REU Site. This REU Site will be hosted on the campus of South Dakota State University in Brookings, South Dakota. The start date of the program is Wednesday, May 31, 2023, and the end date is Friday, August 4, 2023.

Students who are interested in applying are asked to submit the following two items.

1. A completed application, which follows this instruction page. Save it as a single pdf file with the filename **REU2023_Lastname_Firstname-Application.pdf**.

2. A copy of your current transcript (unofficial transcript is acceptable for the application, but an official transcript is required prior to beginning the REU). Save it as a pdf with the filename **REU2023_Lastname_Firstname-Transcript.pdf**.

In addition, the PLAINS REU Site will review materials submitted on an applicant's behalf provided by two professional references. Applicants are to ask two professional references to complete and submit the reference form, which is found on the SDSU PLAINS REU 2023 webpage. References are to submit this form directly to the REU Site email address.

Electronic submissions are encouraged and may be submitted to the following address.

SDSU.PLAINSREU@sdstate.edu

Alternatively, paper versions of the documents may be sent to:

SDSU PLAINS REU 2023
Attn: Professor Stephen Gent
Department of Mechanical Engineering
Crothers Engineering Hall 218, Box 2219
South Dakota State University
Brookings, SD 57007

The application deadline for full consideration is March 6, 2023. Selected students will be notified via e-mail and/or telephone on or around March 20, 2023. The selection process is expected to be finalized by April 10, 2023.

Should you have any questions, please feel free to contact Prof. Gent by email at Stephen.Gent@sdstate.edu or by telephone at 605.688.5337. Thank you for considering this opportunity!

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Application Form

Name:

Contact Information
Email Address:

Current Address: Permanent Address

Phone Number:

I am a:

    U.S. Citizen

    Permanent Resident

My state of residency is:

Of the four research topic areas, please indicate your top two personal preferences.

- Mathematics, Statistics & Computational Sciences (Math)
- HPC Cyberinfrastructure Development & Optimization (HPC)
- Engineered Systems (Engr.)
- Biological & Medical Sciences (Biol.)

Prospective REU research areas: Math, HPC, Engr, Biol.
Primary (the first choice):

The second choice

Your Interest in Undergraduate Research

How did you hear about the PLAINS REU Site?

University or college website

National Science Foundation Website

Faculty Member from the REU Site

Faculty member from my current university or college (if different from above)

Recruiting ad (flyer, email, poster, etc.)

Parent or relative

Friend

I was independently searching for an academic experience

Other

Academics

Current Education Classification

Freshman

Sophomore

Junior

Senior

Other

Current Major:

Current Minor (if applicable):

Cumulative GPA:

Major GPA:

Credit hours completed to date:

Expected Graduation Date (MM/YYYY):

College/University You Currently Attend:

List all relevant Math, Computing, and Technology Related Courses Taken to Date.

List all Computer Programming Languages and software familiarity (if any).

List All Extracurricular Activities you have been involved with during your Undergraduate Education.

List All Academic Awards and Honors.

List Professional and Academic Association Memberships (indicate any offices held with dates, and dates of membership).

Have you had any Co-op or Internship experience?
    Yes

    No

If you have had co-op or internship experience, please briefly describe below.

If you have worked in collaboration with students or faculty (e.g., in a research laboratory), please briefly describe below.

If selected for the REU program would you consider continuing your research during the academic year?
   Yes

   No

   Uncertain

If you have had prior undergraduate research experiences please describe briefly. Please indicate the institution, dates, and nature of the work.

Please provide an estimate of the number of REU Sites that you have applied to or plan to apply to in summer 2023.

Future Intentions

I am considering attending graduate school.
   Strongly Agree

   Agree

   Uncertain

   Disagree

   Strongly Disagree

I want to work in Industry after I graduate.
   Strongly Agree

   Agree

   Uncertain

   Disagree

   Strongly Disagree

I want to work in Academia after I graduate.
   Strongly Agree

   Agree

   Uncertain

   Disagree

   Strongly Disagree

If you are considering graduate school, what degrees are you most interested in pursuing?

I am not considering graduate degrees at this time.

Master of Arts

Master of Science

Master of Business Administration (MBA)

Doctorate of Philosophy (Ph.D.)

Juris Doctorate (JD)

Medical Doctorate (MD)

Other

If you are considering graduate school, please list the programs you are considering (e.g. Computer Science, Bioinformatics, etc.)?

If you are considering graduate school, please list the Institutions you are considering (e.g. enter the university names).

General Information

The information below is for demographic informational purposes only and is not criteria for eligibility.

Are you the first person in your family to attend college?

Yes

No

Uncertain

I have an immediate family member involved in research.

Yes

No

Uncertain

I know adults (other than faculty at my college/university) who are involved in research.

Yes

No

Uncertain

I have friends who are involved in research.

Yes

No

Uncertain

When were you first interested in computing/technology?

Elementary School

Middle School

Junior High School

High School

College

What ethnicity or ethnicities do you identify yourself (select all that apply)?

African American

Asian

Hispanic/Latino

Native American/American Indian

Pacific Islander

Caucasian (white)

Other

Do you have a documented disability (select all that apply)?

Hearing Impairment

Mobility or Orthopedic Impairment

Other

None

Are you a veteran?

Yes

No

Date of Birth:

Gender:

Female

Male

Prefer not to answer