

## Research Experiences for Undergraduates (REU) Program

University of South Dakota  
Department of Chemistry  
Student Application Form  
Summer 2019

### Student Information:

Name: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

E-mail address: \_\_\_\_\_ Phone: \_\_\_\_\_

Citizenship: NSF policy requires that student participants be citizens or permanent residents of the United States or its possessions.

U.S. Citizen      U.S. Permanent Resident      Other (Explain): \_\_\_\_\_

Are you a veteran?      Yes      No      Describe your involvement: \_\_\_\_\_

Current Mailing Address:

Street: \_\_\_\_\_

City, State, ZIP Code: \_\_\_\_\_

Permanent Address (if different than above):

Street: \_\_\_\_\_

City, State, ZIP Code: \_\_\_\_\_

**Participation in REU Program:** Student participants in the REU program at USD are expected to engage in full-time research (i.e., Monday through Friday, eight hours a day) for approximately ten weeks. While there is some flexibility as to the starting date, we prefer that all participants begin their summer research by May 28, 2019. In addition, a required program element is participation in an end-of-summer REU symposium in Pierre, SD. If you would be unable to arrive before or depart after these dates, please provide a brief explanation as to why, along with the approximate date you could begin/end.

### Academic Information:

Current College/University: \_\_\_\_\_

If you have attended any other colleges/universities, please list those institutions, with dates of attendance, on a separate sheet and attach the list to this form.

Current Class:              Fr.              So              Jr.              Sr.

Enrollment Status:              Full time              Part time

Expected Graduation Date (month/year): \_\_\_\_\_ Cumulative GPA: \_\_\_\_\_

Major: \_\_\_\_\_ Minor(s): \_\_\_\_\_

Please indicate the number of courses you have taken in each of the following areas (including courses currently in progress):

Organic Chemistry \_\_\_\_\_ Inorganic Chemistry \_\_\_\_\_ Calculus \_\_\_\_\_ Analytical Chemistry \_\_\_\_\_  
Biochemistry \_\_\_\_\_ Physical Chemistry \_\_\_\_\_ Physics \_\_\_\_\_

**Academic Information – Continued:**

Have you previously participated in a NSF REU program? Yes No

Have you engaged in one semester or more of academic research? Yes No

If you have answered yes to either of the above questions, please provide the names of the institution where research was performed and your research mentor, the dates you were engaged in research, and a brief description (1-3 sentences) of the research project.

**Educational and Career Plans:** Which of the following best describes your intention upon graduation with a BS/BA degree (check one):

Attend Graduate School (specify intended degree/major): \_\_\_\_\_

Attend Medical School or other Professional School (specify): \_\_\_\_\_

Other (specify): \_\_\_\_\_

In the space provided below, please describe your post-undergraduate career plans, including a statement of how participation in this REU program would help you reach these goals.

**Research Preferences:** If you have any preferences as to research areas and/or specific research mentors, please complete the following section. This information is not required, but will help us in matching participants with appropriate USD Chemistry faculty mentors. Information concerning USD Chemistry faculty research can be found at <http://www.usd.edu/arts-and-sciences/chemistry/faculty.cfm>

Preferred Research Area: Analytical, Computational, Inorganic, Organic, or Physical Chemistry

1st Choice: \_\_\_\_\_ 2nd Choice \_\_\_\_\_

Preferred Research Mentor:

1st Choice: \_\_\_\_\_ 2nd Choice \_\_\_\_\_

**Request for Demographic Information:** Demographic data allows us to gauge whether our programs in science and technology are fairly reaching and benefiting everyone regardless of demographic category and to ensure that those in under-represented groups have the same knowledge of and access to programs. Please note that information provided in this section may be used to report statistics to reporting agencies in an aggregate report. As an applicant, responding to these questions is optional and will in no way affect your admission; all information provided will remain confidential.

Gender:            Female            Male

Choose One:        Non-Hispanic or Non-Latino            Hispanic or Latino (complete next section, if applicable)

Choose as many as apply:

American Indian or Alaskan Native            Asian            Black or African American  
Native Hawaiian or Other Pacific Islander            White

**Application Checklist:** A complete application package to this program must include the following items:

1. This application form.
2. A copy of your academic transcript(s) – unofficial copies are acceptable; please include academic transcripts with this application form.
3. A letter of recommendation from either a faculty member at your current college/university or a former research mentor at another institution. This letter should address the student's academic ability, his or her capacity to work independently, and any other information helpful to the selection committee. The letter may be included with the other application items (in an envelope sealed and signed by the recommender) or be sent under separate cover.

Send all application materials to:

Dr. Andrew Sykes, REU Program  
Department of Chemistry  
Churchill-Haines 115  
University of South Dakota  
414 E. Clark Street  
Vermillion, SD 57069

**Review of applications will begin March 1, 2019.**