**South Dakota State University**

**Research Experience for Undergraduates Site**

**in High Performance Computing 2018**

**(SDSU HPC REU 2018)**

**Application Instructions**

**Thank you for your interest in our REU program. This REU will take place on the campus of South Dakota State University in Brookings, South Dakota.**

**The start date of the program is Tuesday, May 29, 2018, and the end date is Friday, August 3, 2018.**

Students who are interested in applying are asked to complete the following three items.

1. Please complete application, which follows this instruction page, and save it as a single pdf file with the filename **REU2018**\_**Firstname\_Lastname-Application.pdf**.
2. Please obtain a copy of your current transcript (unofficial transcript is acceptable for the application, but an official transcript is required prior to beginning the REU). You may save this as a pdf with the filename **REU2018**\_**Firstname\_Lastname-Transcript.pdf**.
3. Please ask two professional references to complete and submit the reference form, which may be found on the SDSU HPC REU 2018 webpage.

Items 1 and 2 are to be submitted by the applicant while Item 3 is to be submitted by each reference.

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

sdsu.hpcreu@sdstate.edu

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

SDSU HPC REU 2018

Attn: Dr. 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 February 28, 2018.**

**Selected students will be notified via e-mail and/or telephone on or around March 15, 2018. The selection process is expected to be finalized by April 1, 2018.**

Should you have any questions, please feel free to contact Dr. 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:** First MI Last

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| **Contact Information**Permanent Email Address: Enter email address here.Preferred Contact Email Address: Enter email address here. |  |
| Current Address: Permanent Address: Current Street Address Permanent Street AddressCurrent City, State, Zip Code Permanent City, State, Zip Code |  |  |
| Permanent Phone Number: Enter phone number here. |  |
| **I am a:**

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| [ ]  U.S. Citizen |  |
| [ ]  Permanent Resident**My state of residency is:** Enter state here.**Of the three research topic areas, please indicate your top two personal preferences.*** Mathematics and Statistics (including computational sciences)
* Engineering
* Biological Sciences

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| Prospective REU research area: | Math, Engr., Biol. |
| Primary (the first choice): | Choose One |
| The second choice | Choose One |
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**Your Interest in Undergraduate Research** **How did you hear about this REU program?**[ ]  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 Enter text here.**Academics****Current Education Classification**[ ]  Freshman[ ]  Sophomore[ ]  Junior[ ]  Senior[ ]  Other Enter text here.Current Major: MajorCurrent Minor (if applicable): MinorCumulative GPA: Enter cumulative GPA here.Major GPA: Enter major GPA here.Credit hours completed to date: Completed hoursExpected Graduation Date (MM/YYYY): MM/YYYYCollege/University You Currently Attend: Institution |  |

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| **List All Extracurricular Activities you have been involved with in your Undergraduate Education.**Enter response here.**List All Academic Awards and Honors.**Enter response here.**List Professional and Academic Association Memberships (indicate any offices held with dates, and dates of membership).**Enter response here.**List all Math, Computing and Technology Related Courses Taken to Date (indicate years enrolled).**Enter response here.**List all Computer Programming Languages Known.**Enter response here.**Have you had any co-op or internship experience?**[ ]  Yes[ ]  No**If you have had co-op or internship experience, please briefly describe below.**Enter response here.**If selected for the REU program would you consider continuing your research during the academic year?**[ ]  Yes[ ]  No[ ]  Uncertain**If you have had prior formal REU experience please describe briefly. Please indicate the institution, dates, and nature of the work.**Enter response here.**Please indicate the number of formal REU experience that you have applied to prior to this year (summer 2017 or prior).**Enter response here.**Please indicate the number of formal REU experience that you have applied to or plan to apply to this year (2018).**Enter response here.**Future Plans****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**Have you enrolled in/taken any graduate level courses?**[ ]  Yes[ ]  No**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 Enter text here.**If you are considering graduate school, please list the programs you are considering (e.g. Computer Science, Bioinformatics, etc.)?**Enter response here.**If you are considering graduate school, please list the institutions you are considering (e.g. enter the university names).**Enter response here. |  |
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| **General Information****The information below is for descriptive 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**Personal Information****This information is used only for descriptive information purposes and is not criteria for eligibility.****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 Enter text here.

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| **Do you have a documented disability (select all that apply)?**[ ]  Hearing Impairment[ ]  Mobility or Orthopedic Impairment[ ]  Other Enter text here.[ ]  None**Are you a veteran?**[ ]  Yes[ ]  No |  |  |

**Date of Birth:** MM/DD/YYYY**Gender:** |  |
| [ ]  Female[ ]  Male[ ]  Prefer not to answer |  |

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