

RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU) OPPORTUNITY

Interested in digital story-telling, virtual reality, climate science, forest ecology, or all of the above?
Consider applying to be a [Student Researcher](#) for this exciting, collaborative project!

SUMMARY

SDI is currently working on a collaborative project with the The Pennsylvania State University (Penn State), Portland State University (PSU), and North Carolina State University (NCSU) on a project titled “*Visualizing Forest Futures (VIFF): How biodiversity and human values shape decision making under climate change.*” The project seeks **four (4)** undergraduate student researchers **to be involved in interdisciplinary research and digital story-telling through the creation of virtual reality videos** about climate change in temperate forests. This includes a six-week undergraduate summer research experience with activities occurring at both CMN and Penn State campuses. Students from CMN or other Tribal College/Universities (TCU) will be supported by CMN/ SDI and conduct forest ecology research to examine how virtual reality can be used to 1) examine possible impacts of climate change on forest systems and 2) elicit values about forest change, including changes in both cultural and environmental resources.



REU Description

- Attend team meetings to learn about coupled natural-human systems science, including training in **virtual reality, forest ecology, and climate science**
- Collect digital videos and pictures in a forested environment to develop a virtual reality experience
- Work within team environment and individually to carry out assigned tasks.
- Attend appropriate meetings outside of SDI office.
- Develop and present overview of internship experience to CMN and broader communities.
- Perform other job-related duties as assigned.

Application Procedures

Submit all of the following information to College of Menominee Nation Sustainable Development Institute located at N172 State Highway 47/55, PO Box 1179 Keshena, WI 54135 no later than close of business (4:30PM) on April 30, 2018, **attention Cynthia Norton**, or email application material to sdi@menominee.edu

No late or incomplete applications will be accepted.

- A completed CMN Internship Program application
- Resume (to include any current and past internship experience)
- Copy of (unofficial or official) Transcripts
- Letter of Interest
- Letter of Recommendation (preferably a professor at his/her educational institution)

Program Requirements/Qualifications

- Must be at least a three-quarter time (9-11 Credits) degree seeking student enrolled at the College of Menominee Nation or another college of university.
- Must have an accumulative GPA of 2.85 or higher on a 4.0 scale.
- Must have completed at least one semester of her/his studies.
- Ability to communicate effectively in person, on the phone, and in writing
- Must be 18 years of age or older.
- Detail-oriented with ability to keep accurate, complete and timely work records.
- Commitment to working with diverse audiences.
- Experience in relevant field or with essential functions is preferred, not required.
- Must be willing to travel to remote locations within the Menominee Forest and Huntington Wildlife Forest, with out of state travel from **July 15 – August 3, 2018.**
- Experience in natural resources is preferred. Interest in forestry is a plus.

Timeframe and Wage

This internship is scheduled to begin on June 11, 2018 and end by August 3, 2018.

****Airfare, a meal plan, and single-occupancy dorm accommodation (with air conditioning, private bathroom) for the Penn State portion of the experience is included****

Intermediate Level: Range: per hour, paid via stipend.