

Summer Internships

Sanford Underground Research Facility – Lead, SD

Sanford
Underground
Research
Facility



Summer 2015

Application Deadline: January 9, 2015

Dave Bozied Internships: 3-4 positions are available for undergraduate or graduate students in physics, chemistry, geology, engineering (environmental, geological, mining, industrial, chemical or mechanical), science education or communication or related disciplines. Applicants must have a South Dakota address or be attending a South Dakota university.

Chris Bauer Engineering Internships: 2 positions are available for undergraduate or graduate engineering students. For one position, a preference will be given to electrical engineering majors. For one position, South Dakota residency is NOT required. These internships are in the memory of Chris Bauer, former electrical engineer for Sanford Lab.

Job duties will depend on experience level and skills and the needs of the science, engineering, environmental, education, and other departments at Sanford Lab. Science efforts are underway in physics (dark matter and neutrino research) at the Davis Campus, 4850 feet underground, as well as smaller efforts in geosciences and physics at various locations underground and on the surface. These include monitoring and mapping conditions of the rock mass and movement, airflow, background radiation and other parameters. Engineering projects include planning for future physics experiments, work at the Waste Water Treatment Plant, renovation and maintenance of surface facilities, and work underground.

Conditions of employment: Students will be required to take safety training within one week of beginning work and must be prepared to work with careful attention to safety. Students must be physically able to spend long days underground under demanding conditions. Work hours must be flexible during days working underground, but students will not work more than 40 hours in any given week. Some internship projects require spending considerable time underground. Other projects require little time underground.

Period of employment: 40 hours/week; dates are negotiable up to 10 weeks.

Compensation: Interns will be paid a base wage of \$12.50/hour, with an extra travel/living allowance – depending on circumstances – of up to \$100/week.

Eligibility: Interns must be 18 years or older at the beginning of the internship period.

To Apply: Send a cover letter and resume including the names of two references to: pnorris@sanfordlab.org

For more information contact: Dr. Peggy Norris, Deputy Director for Education and Outreach, 605-722-5049