

Summer Internships

Sanford Underground Research Facility – Lead, SD

Sanford
Underground
Research
Facility



Summer 2016

Application Deadline: January 12, 2016

Dave Bozied Internships: 2-4 positions are available for undergraduates majoring 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 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 individual departments at Sanford Lab; some positions require extensive time spent underground:

SCIENCE: Work underground will support current physics experiments (dark matter and neutrino research), small efforts in biology and geology, and new experiments (nuclear astrophysics and low-background counting) currently undergoing installation.

ENGINEERING: Engineering projects include planning for future physics experiments as well as renovation and maintenance of surface facilities, the shafts and the underground.

ENVIRONMENTAL, HEALTH AND SAFETY: Work will support ongoing efforts to improve and upgrade the Waste Water Treatment Plant, as well as supporting other projects within Sanford Lab Operations and EH&S Departments.

COMMUNICATIONS AND EDUCATION: Work will support ongoing efforts in communicating the science of Sanford Lab to the general public, educators and students of all ages.

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.

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: Applicants must be 18 years or older by May 16, 2016.

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