

## **RESEARCH ASSOCIATE**

Dairy Science Department  
South Dakota State University

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### **Responsibilities:**

Responsibility of this position will be to plan, coordinate, implement and conduct research projects involving dairy product processing and analysis. Duties will include manufacture of natural and process cheese, dried milk protein concentrates, and other dairy based ingredients; as well as perform proximate, physiochemical, and functional analysis on various dairy products. This individual will also be required to design dairy product processing experiments, interpret and present results at research meetings, and prepare reports, manuscripts, and grant proposals. Additional responsibilities include general maintenance of laboratory equipment, maintenance of inventory of analytical supplies, and implementation and monitoring laboratory safety protocols. Desired qualifications include: one or more years of relevant experience and PhD in Dairy Manufacturing, Food Science, or closely related field.

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### **Qualifications:**

Minimum of a MS degree in Dairy Manufacturing, Food Science or closely related field is required. Individual is required to have knowledge of dairy product processing, at least one year of experience with research involving dairy product processing and analysis. Experience will include familiarity of laboratory procedures including proximate analysis, high performance liquid chromatography, spectrophotometry, and capillary electrophoresis. Effective verbal and written communications skills and interpersonal skill are required. Preferred qualifications include, at least two or more years of relevant experience and PhD in Dairy Manufacturing, Food Science, or closely related field.

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### **Salary:**

Commensurate with qualifications.

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### **University/Community**

South Dakota State University is the state's largest, most comprehensive higher education institution. As South Dakota's Morrill Act land-grant university, SDSU had a fall 2016 enrollment of 12,613 students from all 50 states and 85 countries. Students choose from 73 majors, 36 specializations, 75 minors, 35 master's degree programs, 15 Ph.D. programs and two professional doctorates. Approximately 55% of SDSU students are residents of South Dakota, 37% from other states, and 8% from other countries. There are ongoing efforts to bring a greater global perspective to the campus to increase diversity. The work of the university is carried out on a resident campus in Brookings, at sites in Sioux Falls, Pierre, Rapid City, and through Extension offices and Agricultural Experiment Station research sites across the state.

From its roots as a land grant university established in Brookings, South Dakota in 1881, SDSU today is a vibrant, complex Carnegie Research University – High Intensity institution. It competes in Division I Athletics, is a member of the Missouri Valley Football Conference and participates in the Summit League for most other sports.

With exceptional alumni, community, and Foundation support for student scholarships as well as all aspects of campus life, SDSU is the center of life in Brookings, a friendly, economically-healthy community of nearly 23,657 residents on the Eastern border of the state. The city has an excellent K-12 educational system. During a campus visit, a tour of the education systems and visit with school administrators may be arranged. The city is also accessible to major medical facilities, has an active social and cultural environment, and has numerous lakes and parks within an easy commute. Sioux Falls, a city of approximately 170,000 persons, is 55 miles to the south. Brookings is also located about 200 miles west of the Twin Cities of Minneapolis and St. Paul, a

metropolitan area with major design and art centers such as International Market Square, Minneapolis Institute of Art, Walker Art Center, and Weisman Art Museum.

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**Application Deadline:** Applications should be received by August 1, 2017 in order to receive full consideration in the initial screening. However, applications will be accepted until the position is filled.

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**Application process:**

SDSU accepts applications through an on-line employment site. To apply, visit: <https://yourfuture.sdbor.edu>, search by the position title, view the job announcement, and click on “apply for this posting.” The system will guide you through the electronic application form. The employment site will also require the attachment of a cover letter, which should specifically address how the candidate meets the qualifications as outlined in the advertisement, CV or resume, and a reference page with the contact information for three professional references. Email applications will not be accepted. Please contact SDSU Human Resources at (605) 688-4128 if you require assistance with this process.

Any offer of employment is contingent on the university’s verification of credentials and other information required by law and/or university policies, including but not limited to a criminal background check.

For questions on the position, contact John Haberkorn at 605-688-5480 or [John.Haberkorn@sdstate.edu](mailto:John.Haberkorn@sdstate.edu).

South Dakota State University is committed to affirmative action, equal opportunity and the diversity of its faculty, staff and students. Women, minorities, veterans, and people with disabilities are encouraged to apply. Arrangements for accommodations required by disabilities can be made by emailing [HR@sdstate.edu](mailto:HR@sdstate.edu). SDSU prohibits discrimination on the basis of race, color, creed, religion, national origin, citizenship, ancestry, gender, marital status, pregnancy, sexual orientation, age, disability, veteran’s status or any other protected class in the offering of all educational programs and employment opportunities. Individuals with concerns regarding discrimination should contact: Equal Opportunity Officer/Title IX Coordinator, Human Resources, Morrill Hall 100, SDSU, Brookings, SD 57007. Phone: (605) 688-4128.

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