

Endowed Faculty Position in Cancer Research  
South Dakota State University

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**Job Title** Endowed Faculty Position in Cancer Research  
**Department** Pharmaceutical Sciences  
**Institution** South Dakota State University  
Brookings, South Dakota

**Date Posted** Jan. 12, 2018

**Application Deadline** Open until filled

**Position Start Date** Available immediately

**Job Categories** Endowed/Distinguished Professor  
Department Head/Head/Chair

**Academic Field(s)** Sciences - General

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**Job Description**

Endowed Faculty Position in Cancer Research  
Department of Pharmaceutical Sciences  
College of Pharmacy and Allied Health Professions  
South Dakota State University

A unique opportunity to join the growing research and graduate program in the Department of Pharmaceutical Sciences at South Dakota State University as an Endowed Faculty in Cancer Research (Haarberg Chair). The Department desires a collegial, collaborative and outstanding scientist

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in cancer research including cancer biology, cancer genomics, cancer pharmacogenomics, cancer microbiome, cancer pharmacology, cancer drug delivery or closely related areas. The successful candidate will have a strong track record of competitive funding and research publications and is expected to contribute significantly to the Department's growth in research and graduate program. Faculty who are currently at a senior assistant professor or associate professor level are encouraged to apply.

With a strong alumni base, the College has been fortunate to receive multiple endowments from generous donors. The Department is a leader in the state in intellectual property development, commercialization of technologies, and forming new University spin-offs. The Department has collaborations with clinician scientists and biomedical researchers at Sanford Research and Avera Research Institute both in Sioux Falls, SD. The Department also works closely with start-up companies in the region. The Department provides a very collegial and supportive environment for faculty, researchers and students.

The 'home' of the Department of Pharmaceutical Sciences is the State-of-the-Art Avera Health and Science Center, providing 97,000 square-feet of teaching laboratory, classroom, and office space, as well as 48,600 square-feet of research laboratory space. The University has a core-genomic facility, Mass spectroscopy facility and a centralized animal facility for carrying out research with small and large animals including gnotobiotic pig facility for carrying out microbiome research. The Department of Pharmaceutical Sciences has 10 faculty members including an endowed faculty scholar. The Department's research efforts are focused in the areas of cancer, neuropharmacology, cardiovascular pharmacology, cell signaling, genomics, drug/vaccine delivery, and nanotechnology. Over the last several years the College has made significant investments in new research laboratories and equipment. As the only pharmacy college in the state, the College is the beneficiary of numerous state grants creating significant opportunity for research and development.

This endowed chair position is a 9-month tenure-track faculty appointment with a competitive start-up package. The University offers an excellent health insurance plan and retirement system. The South Dakota Retirement System (SDRS) is one of the most financially sound public employee retirement systems in the nation.

Faculty rank and salary package will be commensurate with qualifications. Women, minorities, veterans, and people with disabilities are especially encouraged to apply.

### Minimum Qualifications

- Earned Ph.D. degree in Pharmaceutical Sciences/Biomedical Sciences/Pharmacology/Molecular

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Biology or in a closely related area.

- Demonstrated experience as an independent investigator in cancer research
- Active research program in cancer.
- Effective written and verbal communication skills
- Effective interpersonal skills

### Preferred Qualifications

Preference will be given to candidates with the following qualifications:

- Significant research experience in cancer including cancer pharmacogenomics, cancer microbiome, cancer pharmacology, cancer drug delivery or closely related areas.
- Strong track record of grant funding, and potential for competitive research funding from US funding agencies and research foundations
- Strong track record of research productivity in the form of peer-reviewed publications.
- Experience of working in multidisciplinary and collaborative research team
- Experience in mentoring post-doctoral research associates, graduate students and undergraduate students
- Active involvement in scientific and professional organizations.
- Teaching experience in molecular pharmacology/pharmacogenomics/pharmaceutical sciences/biomedical sciences, cancer biology/genomics, drug delivery or related areas

### Responsibilities

#### Research

The successful candidate is expected to be an independent investigator and maintain an active research program in cancer research supported through competitive external research funding. The candidate is expected to maintain a strong publication track record.

#### Teaching

The candidate is expected to contribute to teaching in his/her area of training and expertise in professional (Doctor of Pharmacy) and graduate (Ph.D. in Pharmaceutical Sciences) programs.

#### Advising

The candidate is expected to serve as an advisor and supervise the research of graduate students, undergraduate students and post-doctoral research associates.

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### Service

The candidate is expected to serve on the committees as assigned.

### About the College of Pharmacy and Allied Health Professions

The College of Pharmacy and Allied Health Professions offers a six-year course of study leading to Doctor of Pharmacy degree and also Ph.D. degree in Pharmaceutical Sciences. Student enrollment includes approximately 350 pre-pharmacy students and around 300 professional program students. The College pharmacy graduates have an excellent track record of achieving 100% pass rate in the National Pharmacy Board Exam. The College has a strong reputation of quality pharmacy education in the region and around the country. The College's pharmacy graduates are highly sought after by the employers. Currently 20 Ph.D. students are enrolled in the Ph.D. program and the College has graduated 25 students over the last 10 years. Our PhD graduates are well-placed in academia, pharmaceutical industry and regulatory agencies in the US and around the world. The College of Pharmacy and Allied Health Professions has two departments, the Department of Pharmaceutical Sciences and the Department of Pharmacy Practice. In addition, the College offers Bachelors in Medical Laboratory Science and Masters in Public Health.

### South Dakota State University

SDSU is a land grant university and the state's largest, second oldest, and most comprehensive teaching and research institution of higher education with an enrollment of approximately 12,600 students. Educate To Career Inc. has named South Dakota State University a 2017 Top 100 Best Value College. The designation applies to the first 100 colleges out of the nearly 1,200 colleges and universities ranked. The University is classified by the Carnegie Foundation as a high-research activity University with more than \$70 million in annual research expenditures; SDSU enrolls students from all states and 62 countries in six degree-granting colleges and the graduate school. Students select from 70 undergraduate majors, 12 Ph.D. programs, two professional doctoral degrees, and 29 master's degree programs. The university also offers courses at off-campus sites, as well as undergraduate and graduate courses and programs online through the Office of Continuing and Extended Education. SDSU is a Division 1 athletics School. The brand new Football stadium with 19,000 seating capacity is one of the best football stadiums in Division 1 athletics. The Sanford Jackrabbit Athletic complex is a 149, 284 square foot State-of-the art indoor practice facility and is the largest indoor practice facility in Division 1 athletics.

### Living in Brookings, South Dakota

SDSU is located in Brookings, South Dakota, a community of approximately 22,000 people on the Eastern border of the state. It is the state's fourth-largest city and home to a broad economic base that includes national and international manufacturers. Brookings is a progressive and vibrant community

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that offers an impressive quality-of-life perfect for families, students, young professionals, and retirees. Safewise has named Brookings as one of the safest College Towns in the nation. Livability lists Brookings as one of the top 100 places to live in 2016. The city offers many parks and recreational venues, the Children's Museum of South Dakota, the annual Brookings Summer Arts Festival in July, and the Brookings Marathon each May. With more than 30 parks and 8-mile of bike trail, residents are easily connected to outdoor activities and adventure. Residents enjoy amenities ranging from golf courses and hiking trails to water parks and night clubs. The city has an excellent K-12 educational system, serving more than 2,900 students.

The commercial airport at Sioux Falls, a metropolitan area of more than 160,000 people, is a 45-minute drive south on Interstate 29. Empire Mall, a 1.3 million-square foot shopping center, draws millions of visitors from across the Midwest. 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. Mount Rushmore and the scenic Black Hills recreational area, popular tourist destinations, are located on the western side of the state. Brookings is the corporate home to Dakotronics, the leading digital display manufacturer and industry dominant Larson Storm Doors. Other leading manufacturers including 3M and Bell Brands has manufacturing facilities in Brookings.

### Application Procedure

Review of applications will continue until the position is filled. Candidates should provide a CV, letter of interest and list of three references.

Apply online.

South Dakota State University is being assisted by the KeySearch Services of Academic Keys.

### **EEO/AA Policy**

EEO  
South Dakota State University is committed to affirmative action, equal opportunity and the diversity of its faculty, staff and students. Women and minorities 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,



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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, Administration 324, SDSU, Brookings, SD 57007. Phone: (605) 688-4128

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** Valerie Woodruff  
Recruiting  
Academic Keys  
Brookings, SD 57007

**Phone Number** (203) 693-1101