Department of Physics & Astronomy

Refer to Requisition #: 104560 on all correspondence and inquiries regarding this position.

OUR COMMITMENT

Sonoma State University offers an exceptional educational experience that fosters intellectual, cognitive, social, and personal growth. As the only member of the Council of Public Liberal Arts Colleges in California, we are uniquely positioned to foster ethical exploration, civic engagement, social responsibility, and global awareness combined with a solid foundation in an academic discipline. We have a strong commitment to graduating students who have the ability to think critically and communicate effectively in an ever-changing world. The unique campus culture fosters our Seawolf Commitment to integrity, respect, excellence, and responsibility and is integrated into all campus life. We nurture inclusive excellence through a celebration of the rich diversity of our local communities and our interconnected global economy. Members of the University community are expected to work effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds. SSU is especially interested in candidates who make contributions to equity and inclusion in the pursuit of excellence in teaching, scholarship, and service.

THE UNIVERSITY

Sonoma State University's beautiful 274-acre campus is located in Sonoma County wine country, an hour north of San Francisco. The campus offers the ideal setting for teaching and learning and access to a community of rich cultural, environmental, and recreational opportunities. Founded in 1960, Sonoma State University is one of the 23 campuses of the California State University System. As members of the largest public higher educational system in the nation, we provide accessible, high quality education to more than 9000 students. Sonoma State University is proud to be a Hispanic Serving Institution committed to achieving the goals of equal opportunity and endeavors to employ faculty and staff reflecting the ethnic and cultural diversity of the region and state.

THE DEPARTMENT

For many years Sonoma State University has been among the leaders in the California State University system in the percentage of undergraduates majoring in physics. The department offers a traditional, mathematically rigorous program leading to a B.S. in physics; a more applied curriculum leading to a B.S. in physics with a concentration in applied physics; and a flexible B.A. program with two advisory plans (algebra and trigonometry or calculus). The department also offers minors both in physics and astronomy. All programs stress fundamental concepts and techniques, offer an unusually rich laboratory experience and intensive use of computers, and require a capstone course as a culminating experience.

The department is well-equipped with lower-division teaching laboratories and facilities for intermediate and advanced laboratory courses, undergraduate research, special studies and capstone projects. The Darwin facilities include thin film fabrication systems such as sputtering, thermal evaporation, chemical vapor...
deposition and electrodeposition, a Hall measurement system, a 17-Tesla superconducting magnet system, an adaptive optics and astronomical instrumentation development laboratory, and a nuclear low-level counting laboratory. Physics majors also use the multidisciplinary Keck Microanalysis Laboratory in Salazar Hall which includes a scanning electron microscope, atomic force microscopes, an x-ray diffractometer, and a confocal microscope.

The department operates a teaching observatory on the SSU campus and a NASA-funded, remotely operated research observatory at a darker site in northern Sonoma County. The department is also developing a new observatory at the Galbreath Wildlands Preserve in southern Mendocino County.

Among the more than 400 physics graduates of SSU are physicists, astronomers, geophysicists, professors, pilots, teachers, and a great many engineers and computer professionals. As the nation moves to meet the technological challenges of our time, the demand for well-educated men and women with an undergraduate education in physics continues to grow.

Prospective applicants are encouraged to see the department’s Web page at:
http://www.phys-astro.sonoma.edu/index.shtml

**DUTIES OF THE POSITION**

The Department of Physics and Astronomy within the School of Science and Technology (SST) at Sonoma State University (SSU) is seeking highly motivated instructors to teach a variety of undergraduate courses in physics and astronomy, on a temporary basis. Selected individuals will be committed to employing active learning and other instruction techniques to teach undergraduates in either Physics or Astronomy or both. The Department offers a range of lower and upper division courses as well as many laboratory courses. Candidates should specify courses for which they would like to be considered. This is a recruitment for an applicant pool to fill part-time temporary assignments on an as-needed basis.

**PROFESSIONAL QUALIFICATIONS**

To be recommended for appointment, the candidate must have:

- PhD or MS in Physics or Astronomy or a related field. A PhD is required to teach courses with numbers greater than, or equal to, 300.
- Demonstrated record of excellence or superior potential in teaching undergraduate physics and/or astronomy.

Preferred Qualifications

- Demonstrated ability in teaching physics/astronomy to students with a wide range of preparation and abilities.

**RANK AND SALARY**

Full-time is 15-unit workload per semester. Actual salary is dependent upon number of units assigned, educational preparation, and availability of funds subject to any CSU system faculty contract salary increases.
• Selection as a candidate in the applicant pool, does not guarantee employment. Temporary Faculty appointments are made on a part-time, temporary basis and contingent upon department needs and funding.
• Temporary Faculty appointments are made on a semester-by-semester basis.
• Relocation expenses will not be provided for temporary faculty appointments.
• Reimbursement for expenses incurred to attend an interview for temporary faculty positions are not reimbursed by the University.

HOW TO APPLY

Do not send materials to facultysearch@sonoma.edu. To apply for this position, go to www.sonoma.edu/jobs and select Job Opportunities. If you are not currently employed at Sonoma State University, select the External Applicants box. If you are currently employed at Sonoma State University, select the Internal Applicants box. You will be redirected to a list of all available jobs at Sonoma State University. Find and select the faculty position you are applying for to view the description and select Apply Now. If you have not applied for a job at Sonoma State University previously you will be asked to Register Now in order to proceed. At the initial stage of the application, you will be prompted to upload a resume. Please combine your CV and cover letter into one PDF document and upload it in place of the resume. Once you have submitted the application, a confirmation email will be automatically sent to you. If you encounter difficulties during the application process, please email facultysearch@sonoma.edu.

Please submit:

Required
• Cover letter
• Curriculum vitae

Additional Required Documents
• List of courses that you feel qualified to teach
• Teaching Philosophy
• Student Evaluations
• Contact Information for 3 References

*Official transcripts are required at the time of hire.*

Application procedures for temporary faculty already teaching in the department:

➢ Temporary Faculty with three-year contracts do not need to reapply.
Temporary Faculty who have taught for the department within the past two years only need to submit a letter of intent to remain in the pool. The hiring committee will review the Personnel Action File and then determine whether an additional interview would be beneficial.

Sonoma State University hires only individuals lawfully authorized to work in the United States. All offers of employment are contingent upon presentation of documents demonstrating the appointee’s identity and eligibility to work, in accordance with the provisions of the Immigration Reform and Control Act. Sonoma State University does not facilitate the process of applying for an H1B Visa for temporary positions.

APPLICATION DEADLINE

The deadline to apply is Monday, April 09, 2018.

Questions concerning the application process may be directed to: facultysearch@sonoma.edu

Questions concerning this position may be directed to:

Scott Severson
Email: scott.severson@sonoma.edu

#104560 PLEASE REFER TO THIS NUMBER ON ALL CORRESPONDENCE AND INQUIRIES REGARDING THIS POSITION.

OTHER INFORMATION

The university is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, or protected veteran status.

This position is considered a “mandated reporter” under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

View Benefits Summary

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Department of Physics & Astronomy
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