



# California State University, Fresno

College of Science and Mathematics

Chemistry

Vacancy # 12647

<http://www.fresnostate.edu/csm/>

## Computational Biochemistry/Organic Chemistry Assistant Professor

California State University, Fresno is an engaged University. We focus on broadening students' intellectual horizons, fostering lifelong learning skills, developing the leaders of tomorrow, promoting community involvement, and instilling an appreciation of world cultures. We nurture cultural competence by celebrating the rich diversity of the campus community and welcoming the participation of all. Members of the University community are expected to work effectively with faculty, staff and students from diverse ethnic, cultural and socioeconomic backgrounds.

For information on the University's commitment and dedication to creating a university known for its integrity, civility, equity, respect and ethical behavior, please visit: <http://www.fresnostate.edu/academics/diversity>

- Available for Academic Year: 2016/2017.
- Fresno State has been recognized as a Hispanic-Serving Institution (HSI); an Asian American/Native American/Pacific Islander-Serving Institution (AANAPISI); and has been designated to the Community Engagement Classification by the Carnegie Foundation for the Advancement of Teaching.
- Faculty members gain a clear path to tenure through the University's Probationary Plan Process.
- Salary placement depends upon academic preparation and professional experience.

### Position Summary:

The Department of Chemistry in the College of Science and Mathematics at California State University, Fresno seeks applicants for a tenure-track academic year position, as an Assistant Professor in Computational Biochemistry/Organic Chemistry. The successful candidate will have teaching responsibilities primarily in the area of biochemistry or organic chemistry, but may also be asked to teach and contribute to the general chemistry program. The successful candidate is expected to develop a productive research program in computational chemistry with applications in biochemistry and/or organic chemistry. The research program should include training and involvement of undergraduate and M.S. graduate students. Instructional workload is 12 Weighted Teaching Units (WTUs) per semester. In the first two years, the Department and College typically reduces the teaching load by 50% per semester to allow new faculty extra start-up time for teaching, scholarly work, research, and other professional development efforts. As faculty members progress through their careers, university statistics show that the average instructional load is typically 9 WTUs per semester, as opposed to the formal expectation of 12, usually achieved through assigned-time funded by the College or University or through external grants.

### Overview:

The Department of Chemistry at California State University, Fresno offers an American Chemical Society recognized BS Chemistry degree, BS Biochemistry degree, a BA Chemistry degree designed for pre-health professional students, and a thesis based MS degree in Chemistry to approximately 260 undergraduate and 22 graduate students. The 15 full time faculty have a commitment to excellence in both teaching and research, and to the success of our students. Since 1996, when the Provost's Awards awards were established Chemistry Department faculty have received five awards in the areas of teaching, research, mentorship or innovation, and three Promising New Faculty awards. The Fresno State Chemistry Club is an active, engaged, and successful ACS student affiliate with six outstanding chapter, one commendable chapter, and three green chemistry awards in the last seven years. The Department is active in research and faculty and students have access to a wide variety of major instrumentation. A list of instrumentation available for research can be found at [www.fresnostate.edu/csm/chemistry/research/facilities.html](http://www.fresnostate.edu/csm/chemistry/research/facilities.html). Library resources to support research and classroom instruction include both SciFinder and Web of Science along with electronic access to a wide variety of major journals, including ACS and Elsevier subscriptions.

### Required Education:

An earned doctorate (Ph.D.) in biochemistry or organic chemistry or a closely related discipline from an accredited institution (or equivalent) is required.

### Required Experience:

1) University-level teaching experience; 2) Demonstrated success with research and scholarly activities related to computational chemistry and related topics, including recent peer-reviewed publications in established research journals; 3) Ability to demonstrate a commitment to working effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds.

### Preferred Qualifications:

Preference will be given to candidates who have: 1) Completed postdoctoral research or have industrial experience; 2) Conducted research which complements the research in the department or university, and; 3) Demonstrated success in obtaining outside funding to support their research.

### Application Procedures:

Review of applications will begin October 1, 2015 and will continue until the position is filled. To apply, applicants must complete an on-line application at <http://jobs.fresnostate.edu> and attach the following: 1) a cover letter specifically addressing required experience

and preferred qualifications; 2) a curriculum vitae; 3) a one page statement of teaching philosophy; 4) a statement of research plans; and 5) a list of three professional references. Finalists will be required to submit 1) three current letters of recommendation and 2) official transcripts. For inquiries contact the search committee chair, Dr. Joy Goto, Department of Chemistry, California State University 2555 E. San Ramon Ave., MS SB70, Fresno, CA 93740 Phone: 559.278.2530, Email: [JGoto@csufresno.edu](mailto:JGoto@csufresno.edu)

**Other Requirements:**

A link to the Annual Safety and Security/Fire Safety Report is provided in compliance with the 1998 Jeanne Clery Disclosure Act, and California Education Code section 67380. The report includes three calendar years of select campus crime statistics and it includes security policies and procedures for the campus. Applicants, students, and employees can obtain a copy of this report from the web site: <http://www.fresnostate.edu/police/clery/index.shtml> or by contacting the Campus Police Department. The person holding this position may be 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. You can obtain a copy of this Executive order by accessing the following web site: <http://www.calstate.edu/eo/EO-1083.html>

**Background Check:**

Necessary background investigations will be completed depending on the requirements of the position. Those could include, but are not limited to, processing of fingerprints through the Department of Justice and FBI, and degree and license verification. A conditional offer may be made based on the results of these verifications.

**Equal Employment Opportunity:**

California State University, Fresno 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.