



# California State University, Fresno

College of Science and Mathematics

Mathematics

Vacancy # 12745

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

## Mathematical Biology 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 Mathematics in the College of Science and Mathematics at California State University, Fresno seeks applicants for a tenure-track, academic year position starting at the level of Assistant Professor. The successful candidate will teach, supervise and advise undergraduate and graduate students according to departmental needs; conduct scholarly research in the area of Mathematical Biology resulting in peer-reviewed publications, presentations and external grant submissions; and engage in service-related activities. Primary teaching responsibilities include mathematics courses at both the undergraduate and at the graduate level, and project/thesis advising of students in the Masters of Arts in Mathematics program. In addition, it is expected that the successful candidate will take advantage of several collaborative research opportunities outside of the Department of Mathematics. Potential collaborative organizations include, but are not limited to, Fresno State's Biology Department, the Jordan College of Agriculture, and local Medical Centers such as the UCSF Fresno Medical Education and Research Center, St. Agnes Medical Center, and the Community Medical Centers. The successful candidate is also expected to be involved in course development and curriculum design in Mathematical Biology, with a goal of making Mathematical Biology a constant and substantive part of the department's applied course offerings.

### Overview:

With a commitment to the highest standards of teaching, the Department of Mathematics serves the University and the community through course offerings to students majoring in mathematics, science and engineering, and liberal studies, along with a selection of general education mathematics courses.

In pursuit of its educational mission, the department offers the following programs: Bachelor of Arts in Mathematics, subject matter competency program for a California Secondary Teaching Credential in Mathematics, Master of Arts in Mathematics, and Master of Arts in Mathematics with Teaching Option.

### Required Education:

An earned doctorate (Ph.D.) in Mathematics or a closely related discipline from an accredited institution (or equivalent) is required; however, applicants nearing completion of the doctorate (ABD) may be considered. For continued employment in the tenure-track position, the doctorate must be completed by 01/10/17.

### Required Experience:

1) Successful experience teaching mathematics college courses; 2) Successful research in any of the subareas of Mathematical Biology, including a recent publication record and; 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) Documented success of teaching, e.g. department/university level recognition of teaching excellence; 2) Sustained success in research in Mathematical Biology, including obtaining outside funding to support their research; 3) Experience in, or dedication to, involving students in research and; 4) Experience in, or dedication to, teaching mathematics by engaging students in active learning.

### Application Procedures:

Review of applications will begin December 2, 2015, and will continue until the position is filled. To apply, applicants must complete an on-line application at [jobs.csufresno.edu](http://jobs.csufresno.edu) and attach the following: 1) a cover letter specifically addressing required experience and preferred qualifications; 2) a curriculum vitae, and; 3) a list of at least three professional references. Finalists will be required to submit 1) three current letters of recommendation (dated within the last 12 months) and; 2) official transcripts. For inquires, contact:

Dr. Oscar Vega, Search Committee Chair; Department of Mathematics; California State University, Fresno; 5245 N. Backer Avenue, MS PB 108; Fresno, CA 93740-8001; Phone: 559.278.4903; E-mail: [ovega@csufresno.edu](mailto:ovega@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 conducted, as required, depending upon the job requirements of position. These could include, but are not limited to, processing of fingerprints through the Department of Justice and FBI and degree and license verification upon employment. An offer of employment may be withdrawn or employment may be terminated based upon the results of these verifications. Full disclosure of all misdemeanors and felonies should be made in connection with this application.

**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.