Assistant Professor, Population Genetics and Computational Biology

The Biology program within the Division of Science and Environmental Policy at California State University, Monterey Bay seeks a population geneticist with strong computational biology skills to fill a tenure track assistant professor position. The applicant should be a dedicated teacher capable of successfully involving undergraduates in research. The successful candidate will work with other faculty to develop undergraduate curricula, professional outreach programs, and extramural research or programmatic funding. Additional information on the Division and the Biology program can be found at sep.csumb.edu, the university and its vision at about.csumb.edu/vision-statement, and our exceptional undergraduate research program at uroc.csumb.edu.

The successful candidate will:
(1) teach upper division evolutionary biology & population genetics,
(2) develop and teach upper division bioinformatics & systems biology or a new upper division course in genomics or other computationally intensive branch of biology,
(3) develop and maintain a research program that provides opportunities for undergraduates,
(4) occasionally teach genetics or help with lower division instruction, and
(5) contribute to the development of this new university.

QUALIFICATIONS
(MINIMUM)

Ph.D. in biology or related field at time of hire.
Demonstrated excellence in teaching.
Expertise in Population Genetics.
Expertise in Computational Biology.

QUALIFICATIONS
(DESIRABLE)

Research interests that leverage CSU Monterey Bay's unique location at the interface between land and sea on the Central California coast.
Expertise in a computationally intensive field of study such as transcriptomics that can be applied to projects suitable for the undergraduate research environment.
A strong background in evolutionary or conservation biology.
Experience mentoring student research and/or internships.
Desire and ability to teach and mentor students from diverse cultural, ethnic, educational, and economic backgrounds.
A record of writing successful proposals for extramural funding.
Experience with course and curriculum development.

All prospective applicants must apply on-line at
https://mocha.csumb.edu/uhr/jobs/login_applicant.jsp

1) Letter of Interest
2) CV
3) Teaching Statement (2 page max)
4) Research Statement (2 page max)
5) Contact information for 3 professional references

SCREENING BEGINS NOVEMBER 1, 2014