

**California State Polytechnic University, Pomona
Geological Sciences Department
College of Science**

**TENURE-TRACK FACULTY POSITION
REMOTE SENSING / GEOSPATIAL TECHNOLOGY**

The Geological Sciences Department in the College of Science at California State Polytechnic University, Pomona (Cal Poly Pomona) invites applications for a tenure-track position at the rank of Assistant Professor to begin in the 2020-2021 academic year. Candidates with strong teaching and research interests in any geoscience application of Remote Sensing and/or Geospatial Technology are encouraged to apply. We invite applications from geoscientists whose research incorporates data from ground-based remote sensing instruments or observations from unmanned aerial vehicles or satellites. The position is open to a broad range of research specializations, such as natural hazards, active tectonics, environmental geoscience, and/or climate change.

At Cal Poly Pomona we cultivate student and faculty success through a diverse culture of experiential learning, discovery, and innovation. Cal Poly Pomona is committed to being the model for an inclusive polytechnic university that inspires creativity and innovation, embraces local and global challenges, and transforms lives. Cal Poly Pomona consistently ranks among the top universities in the nation in helping low income students find financial success after graduation, according to the Social Mobility Index. The Geological Sciences department is proud to matriculate a particularly diverse student population among STEM departments and is committed to an equitable hiring process.

The Position: The successful candidate will have a strong commitment to excellence in teaching and research. Teaching responsibilities will typically consist of a mix of geoscience courses at the lower division, upper division, and graduate levels, and will include classes in Geographic Information Systems, Remote Sensing, or other specialty courses in the candidate's area of expertise. The successful candidate is expected to engage undergraduate and graduate students in scholarly activities and will be encouraged to develop an extramurally funded research program. Established ties to research institutions, industry or government agencies are beneficial. The applicant is also expected to produce scholarly publications, assist in curriculum development, advise students, serve on department, college, and university committees, and engage in professional activities. We seek candidates who can contribute to the diversity and excellence of the academic community and are committed to teaching in an inclusive environment.

Minimum Qualifications:

- A PhD from an accredited university in Geology, Geophysics, Environmental Geoscience or a directly related science or engineering discipline at time of appointment.
- College or university teaching experience, at least at the level of a teaching assistant.
- Demonstrated potential to establish an active research program with undergraduate and Master's students that broadens our current disciplinary expertise.
- Experience with data collection and analysis using modern instrumentation.
- Demonstrated ability to contribute to the diversity and excellence of the academic community through research, teaching, service and a commitment to work in an inclusive environment.

Preferred/Desired Qualifications:

- University teaching experience as the instructor of record with evidence of excellence in teaching.
- Experience involving undergraduate and graduate students in research.
- Publication record appropriate for experience level of the candidate.
- Interest in including the use of the Department's newly acquired Terrestrial Laser Scanning (LiDAR) equipment in research and teaching.
- Established ties to research institutions, industry and/or government agencies.
- Experience in writing proposals for external funding.
- Interest in developing intradepartmental and cross-campus collaborations.

Application Procedure:

A complete application will consist of:

- A completed application form; Please click here for the [Application Form \(complete when ready\)](#);
- a cover letter summarizing how the candidate's teaching and research experiences, and career interests, have prepared the applicant to meet the duties and qualifications articulated in the position description;
- a curriculum vitae composed of at least those elements specified on the application form;

- a statement of the candidate's anticipated teaching plans inclusive of (a) a teaching philosophy, (b) prior teaching experiences, and (c) short and long-term teaching interests on an undergraduate and graduate level (2-page limit);
- a statement of the candidate's proposed research plans that also includes how undergraduates and Master's students will be involved in this research (3-page limit);
- a separate Student Success statement regarding the candidate's aims and experiences related to working with a diverse student population; a list of example factors to include can be found at https://www.cpp.edu/~faculty-affairs/documents/student_success_statement.pdf (1-page limit);
- transcripts showing each degree earned (an official transcript will be required for finalists);
- contact information for at least three references (letters of recommendation will be required of all finalists prior to campus interviews)

Instructions for submitting applications are listed at the Faculty Affairs site for University hires: <http://www.cpp.edu/~faculty-affairs/open-positions/> The position is open until filled. First consideration will be given to completed applications received no later than December 30, 2019. Early response is strongly encouraged. Electronic submissions of all application materials must be submitted online via Interfolio at [\(insert link here\)](#).

General inquiries regarding the application process should be directed to:

Faculty Search Committee Chairs
 Geological Sciences Department
 California State Polytechnic University Pomona
 Pomona, CA 91768
 Phone: 909-869-3454; Email: jpolet@cpp.edu and sgosborn@cpp.edu

The University: Cal Poly Pomona is a member of the 23-campus California State University system, and one of two polytechnic universities in California. Our student population of over 26,000 is ethnically diverse, and the campus offers 56 baccalaureate and 32 master's degree programs, including a doctorate in Educational Leadership. As of Fall 2016, average undergraduate course sizes were 35 students per class, student-faculty ratios were 25:1, with a total of 1,221 faculty and 1,219 staff. We recruit success- and career-focused students from throughout California and beyond. Our scenic and historic campus covers 1,400 acres, and was once the winter ranch of cereal magnate W. K. Kellogg. The University is located about 30 miles east of downtown Los Angeles in one of the most dynamic economic and cultural regions in the country, and is within an hour's drive of beaches, mountains, and desert. The University has a strong commitment to supporting scholarship, research, and student achievement. Cal Poly Pomona proudly serves as a Hispanic Serving Institution (HSI) and actively promotes diversity in the faculty, staff, and student bodies, where educational equity is among the highest priorities of the University. The mission of the University is to cultivate success through a diverse culture of experiential learning, discovery, and innovation. The University's vision is to serve as the model for an inclusive polytechnic university that inspires creativity and innovation, embraces local and global challenges, and transforms lives.

The College: The College of Science is one of eight academic colleges on campus, and hosts over 4,400 students. The College of Science offers 15 undergraduate degree programs across seven academic departments including Biological Sciences, Chemistry & Biochemistry, Computer Science, Geological Sciences, Kinesiology & Health Promotion, Mathematics & Statistics, and Physics & Astronomy. The College of Science also hosts several specialty centers (<http://www.cpp.edu/~sci/outreach/index.shtml>), and offers Master's degrees (~250 current students) from departments including Biological Sciences, Chemistry & Biochemistry, Computer Science, Geological Sciences, Kinesiology & Health Promotion and Mathematics & Statistics. The College of Science is committed to excellence in teaching and research, and is currently the largest recipient of extramural research funding on campus.

The Department: The Geological Sciences Department, one of seven departments in the College of Science, offers a Bachelor of Science degree in Geology, subdivided into three Emphasis Areas: Geology, Geophysics/Earth Exploration and Environmental Resources. A Master's program in Geology was implemented in 2012. The Department faculty base consists of four tenured Professors and two untenured Assistant Professors, and numerous adjunct faculty, several of whom have industry ties. The Geology faculty currently provides high quality instruction and career preparation to about 120 undergraduate majors and 25 Master's candidates. Learning is balanced between lecture, laboratory, research and field experiences. For more information, see the Department website: <http://www.cpp.edu/~geology/>.

Equal Employment Opportunity Statement

California State Polytechnic University, Pomona is an Equal Opportunity, Affirmative Action Employer. The University seeks to recruit and retain a diverse workforce as a reflection of our commitment to serve the

people of California, to maintain the excellence of the University, and to offer our students richly varied disciplines, perspectives and ways of knowing and learning. Cal Poly Pomona subscribes to all state and federal regulations and prohibits discrimination based on race, color, religion, national origin, sex, gender identity/gender expression, sexual orientation, marital status, pregnancy, age, disability, genetic information, medical condition, and covered veteran status. The University hires only individuals lawfully authorized to work in the United States. As required by the Clery Disclosure Act, the university's annual security report is available at <http://www.cpp.edu/~police/annual-security-report.shtml>. The person holding 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. A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect the application status of applicants or continued employment of current CSU employees who apply for the position.

Proposed SHORT advertisement

TENURE TRACK ASSISTANT PROFESSOR IN REMOTE SENSING / GEOSPATIAL TECHNOLOGY

The Geological Sciences Department at California State Polytechnic University, Pomona (Cal Poly Pomona) invites applications for a tenure-track, ASSISTANT PROFESSOR position, beginning in the 2020-2021 academic year. We invite applications from geoscientists whose research incorporates data from ground-based remote sensing or observations from unmanned aerial vehicles or satellites, and the position is open to a broad range of research specializations, such as natural hazards, active tectonics, environmental geoscience, and/or climate change. A Ph.D. in geology, geophysics, environmental geoscience or a directly related science or engineering discipline is required. The successful candidate will have the potential for excellence in undergraduate and graduate teaching, and for developing an externally-funded research program that will involve undergraduate and Master's students. Teaching responsibilities will typically include a mix of geoscience courses at the lower division, upper division, and graduate levels, and will incorporate classes in Geographic Information Systems, Remote Sensing or other specialty courses in the candidate's area of expertise. Demonstrated experience with data collection and analysis using modern instrumentation is expected. Preferred qualifications include demonstrated success with external funding, established ties to research institutions, industry or government agencies and interest in developing intradepartmental and cross-campus collaborations. At Cal Poly Pomona we cultivate student and faculty success through a diverse culture of experiential learning, discovery, and innovation. Cal Poly Pomona is committed to being the model for an inclusive polytechnic university that inspires creativity and innovation, embraces local and global challenges, and transforms lives. The position is open until filled. First consideration will be given to completed applications received no later than December 30, 2019. Full position description and application procedure: <http://www.cpp.edu/~faculty-affairs/open-positions/>.

Advertising venues:

- GSA (website and recruiting at annual meeting, as well as meeting of the Cordilleran section)
- AGU (website and recruiting at annual meeting)
- SSA (website and recruiting at annual meeting)
- SACNAS (website and recruiting at annual meeting)
- Geoscience and Remote Sensing Society and Women in Geoscience and Remote Sensing (website, E-mail and social media)
- Earth Science Women's Network (<https://www.facebook.com/groups/ESWNDiscussionGroup/>) (Facebook page and Earth Sciences Job E-mail list)
- Society of Latinxs/Hispanics in Earth and Space Science (<https://ciresdiversity.colorado.edu/projects/soless/>) (website posting and E-mail to list)
- The Union of University of California Postdocs (<http://uaw5810.org>)
- The Black Ivy Alumni League (www.theleagueonline.org).
- Diversity Jobs at Work (diversityjobs.com)
- Minority Postdoc (MinorityPostdoc.org)
- National Organization for Gay and Lesbian Scientists and Technical Professionals (<https://www.noglstp.org/>)
- Geological Sciences Department website (<https://www.cpp.edu/~sci/geological-sciences/>)