

Assistant Professional Researcher in Geodynamics

University of California, Riverside

We seek an experienced professional researcher (at the Assistant Researcher level) who will perform basic research in earthquake rupture dynamics, geodesy, and educational technology. The successful candidate will collaborate with our faculty and students to carry out original research in these areas. The candidate will be responsible for funding his/her salary and benefits through successful external grant applications.

Candidates must have a Ph.D. in geophysics or related field, with experience within the field of geodynamics, experience with 3D dynamic earthquake rupture modeling, experience with geodetic data and analysis, experience and expertise in finite element meshing and modeling, experience in educational technology, including three-dimensional representations of complex structures, and proven track record of successful grant funding and publication of work in peer-reviewed journals. The most successful candidate has university experience with faculty and students carrying out original research, experience in mentoring/co-mentoring undergraduate and graduate students, experience with cutting-edge finite element meshing software (e.g., TRELIS), and experience with cutting-edge scientific visualization software (e.g., Paraview).

To Apply: Application materials for this position should be submitted through <https://aprecruit.ucr.edu/apply/JPF00918>. Please provide a cover letter, full curriculum vitae, Statement of Contributions to Diversity, and contact details for three confidential references.

Review of applications will begin June 8, 2018. For more information about the position, please contact Dr. David Oglesby, Professor of Earth Sciences, University of California, Riverside – david.oglesby@ucr.edu. For inquiries regarding the application process, please contact Eric Chong, Academic Personnel at eric.chong@ucr.edu. Additional information about the Department of Earth Sciences can be found at <http://earthsciences.ucr.edu/>.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

Advancement through the professional researcher ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

The University of California is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to the achievement of excellence and diversity among its faculty and staff. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, protected veteran status, or any other characteristic protected by law.