



Center	Center for Integrative Petroleum Research (CIPR)
Job Title	Post-Doctoral Fellow
Job Description	<p>We are seeking highly motivated Candidates and skilled postdoctoral research fellows to join our dynamic research team as part of a focused campaign for advancing research in key areas of petroleum engineering and geosciences. The research area includes:</p> <ul style="list-style-type: none">• Oilfield Chemistry• multi-scale multi-physics Modeling• Geomechanics• Petrophysics• Geosystems• Geophysics• Artificial intelligence and machine learning for petroleum engineering applications. <p>The candidate will work closely with the program leads and engaged in cross-disciplinary collaboration to drive forward cutting-edge research initiatives that address critical challenges in energy and subsurface systems</p>
Job Responsibility	<ol style="list-style-type: none">1. Conduct high-quality independent and collaborative research aligned with one or more focus areas listed above2. Design, implement, and analyze experiments or theoretical models related to the project goals.3. Publish findings in peer-reviewed journals and present at academic conferences4. Contribute to grant writing and research proposals5. Collaborate with internal and external researchers as a part of broader research activities6. Mentor graduate and undergraduate students when applicable7. Maintain an accurate record of research findings and data management8. Participate in departmental seminars and interdisciplinary discussions
Qualification	<ol style="list-style-type: none">1. A Ph.D. in Geosciences, Petroleum Engineering, Chemical Engineering, Applied Physics/Chemistry, Materials Science & Engineering.2. The postdoctoral positions are for candidates with a doctorate obtained within the last two years3. Strong research foundation in one or more of the research areas listed above.4. Applicants should have excellent interpersonal, verbal, and written communication skills5. Ability to work both independently and as part of a multidisciplinary and multicultural research environment.6. Experience with relevant software, programming languages, or laboratory techniques