Job Title: R&D Senior Chemist
- Oversees the development of new technologies and products which contributes to long term technology and business vision.
- Leads projects by developing new experimental designs and risk mitigation strategies.
- Provides Intellectual Property recommendations for Halliburton and reviews technical papers.
- Provides technical expertise to meet internal and external customer needs and requirements.
- Promotes and contributes to a cohesive team environment and effectively communicates with all levels of the organization.
- Represents Halliburton in professional societies in area of specialization.
- Analyze complex chemical problems and be able to use chemistry and career experience to investigate problems multiple layers deep
- Distill complex problems into manageable solutions
- Ability to synthesize information from macroscopic property tests to molecular level analytical information.
- Derives meaningful conclusions about complex chemical systems, with particular focus on surfactant/fluid interaction.
- The ideal candidate should have a proven record of introducing industrial products.

Basic Qualifications:
- Excellent oral and written communication skills
- Skills acquired through the completion of an undergraduate degree in Chemistry or similar discipline.
- Suitable candidates include PhD Chemists or Chemical Engineers.

Required Qualifications:
- Experience in the chemistry and testing of surfactants
- Working knowledge of foamed and emulsified fluid systems
- Knowledge of structure/property relationships for surfactant and modification of interfacial tension
- Understanding of pressure and temperature effects on multiphase fluid systems
- Ability to interface with external partners and internal customers to develop and vet new technologies