<table>
<thead>
<tr>
<th><strong>Job Title:</strong></th>
<th>Analytical Researcher</th>
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</thead>
<tbody>
<tr>
<td><strong>Career level:</strong></td>
<td>Graduate/Entry Level</td>
</tr>
<tr>
<td><strong>Hours/Shifts:</strong></td>
<td>Regular</td>
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<tr>
<td><strong>Job search keywords:</strong></td>
<td>Analytical Chemistry, PhD, Chemistry, Material Science, Electrochemistry, Cyclic Voltammetry (CV), Coulometry, Electrochemical Cells, Batteries, Corrosion, Surface and Material Characterization</td>
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<tr>
<td><strong>Location(s):</strong></td>
<td>Shell Technology Center - Houston</td>
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**Company Overview:**
Shell Oil Company
Shell is a global group of energy and petrochemical companies, employing approximately 90,000 people and operating in more than 80 countries and territories. In the United States, Shell has operations in 50 states and employs about 20,000 people. Shell is a leading oil and gas producer in the deep-water Gulf of Mexico, a recognized pioneer in oil and gas exploration and production technology and one of America’s leading oil and natural gas producers, gasoline and natural gas marketers and petrochemical manufacturers.

**Business Overview:**
The Measurement & Analysis group includes four lab-based Analytical Chemistry teams that provide analytical problem solving and support to R&D projects, as well as technical consultation to a wide range of Shell businesses. Our partners include Downstream Refining and Chemicals, Upstream, conventional and bio fuels, Lubricants, and Catalysis. The Group currently consists of over 150 professionals with a wide range of analytical specialties and skills. Our laboratory locations are in Amsterdam, Bangalore, Calgary and Houston, all of which provide in-lab and on-site support to Shell operations worldwide.

**Career Development**
Assignments on this team include responsibility for developing new analytical methods, implementing advanced analytical instrumentation, and managing on-going testing activities supporting R&D programs as well as Downstream/Upstream operations. We help our business partners measure and understand what is happening in their products, process streams or laboratories.

Although analytical lab roles are assigned to a single location, there is significant collaboration across the Analytical lab teams, and regular interaction with technical colleagues to share best practices throughout the organization. This leads to a highly collaborative work environment that is very conducive to creating business impact while expanding your technical skills and business knowledge.

**Job Scope**
Apply Analytical skills for technical development and support Shell Downstream & Upstream businesses, products, and R&D programs.

**Typical Roles:**
1. Technical responsibility, method development, gate keeping, evaluation, and implementation of electrochemistry techniques.
2. Close interaction with internal customers, identifying applications and contributing to business by own expertise.
3. Manage and maintain state-of-art characterization instrumentation as well as help implement new techniques.
4. Day-to-day supervision of laboratory technicians.
5. Collaboration with local and global Analytical colleagues on multi-disciplinary problem solving projects.

**Education Requirements**
- **Study Level(s):** PhD
- **Discipline / Major:** Analytical Chemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry or Material Science, with strong emphasis on electrochemistry, batteries or fuel cells. Experience with surface characterization is a plus.
- Minimum cumulative GPA is 3.20.

**How to apply:**
In order to be considered for an interview you must apply online at our website, [www.shell.us/careers](http://www.shell.us/careers).

Click on the “Students and Graduates” section and apply for Shell Recruitment Day.
| We require a completed application, an updated copy of your resume, and an unofficial copy of your transcripts / grade report prior to the interview. |