

**JOB TITLE:** Chemist/Materials Scientist

**DEPARTMENT, AGENCY:** Department of Energy, National Energy Technology Laboratory

**SALARY RANGE:** Depends on level of experience

**OPEN PERIOD:** Open until filled

**LEVEL:** Post-Doc

**POSITION INFORMATION:** Temporary Appointment: 1 year with potential for extension; Full-Time (40 hours per week); Starting as soon as possible.

**WHO MAY BE CONSIDERED:** United States Citizens & Foreign Nationals with appropriate approval

**POSITION DESCRIPTION:**

An opening exists for a post-doctoral researcher or a visiting scientist at the PhD level. For the position in question, an individual with some or all of the following skill sets would be desirable:

- 1) Expertise in advanced wet chemistry based synthesis techniques for a range of materials systems that may include functional inorganic solids, polymers, nanomaterials, etc.
- 2) Experience with solution phase chemistry and electrochemical reactions.
- 3) Experience with a range of optical spectroscopy techniques (UV, Vis, Near-IR, Fluorescence, Raman, Luminescence, etc.).
- 4) Expertise in surface chemistry and solid / gas interactions at surfaces of inorganic solids (TPR, TPD, BET)
- 5) Materials characterization experience (XRD, XPS, SEM, etc.)

Good communication skills and the ability to work effectively in an interdisciplinary team setting are highly desirable. Interested candidates may contact Dr. Paul Ohodnicki ([paul.ohodnicki@netl.doe.gov](mailto:paul.ohodnicki@netl.doe.gov)) directly with an updated copy of their current CV at the earliest opportunity.

**HOW TO APPLY:**

Applicants should apply through the Oak Ridge Institute for Science and Education (ORISE) program ([orise.ornl.gov](http://orise.ornl.gov)). NETL utilizes the ORISE program to support research and work within NETL's Office of Research & Development.

- Interested applicants should complete the online application at <https://netl.ornl.gov/>
- In the online **application list Dr. Paul Ohodnicki as your requested mentor**. This will associate your application with this job posting.

If you have additional questions please contact Nancy Andres, [Nancy.Andres@NETL.DOE.GOV](mailto:Nancy.Andres@NETL.DOE.GOV), the NETL ORISE program contact.