

Opportunity Title: Post-Bachelor's Research Associate in Carbon Fiber Development

Opportunity Reference Code: ORNL14-17-MSTD

Organization Oak Ridge National Laboratory (ORNL)


Reference Code ORNL14-17-MSTD

Description The Materials Science and Technology Division of Oak Ridge National Laboratory is seeking a candidate for a post-bachelor's research participant position to support ongoing programs for developing lower-cost carbon fiber with novel mechanical properties and surface and morphological characteristics.

The selected candidate will evaluate carbon-fiber precursors by mechanical and thermal-mechanical testing and assisting the PI and other researchers in converting precursor into carbon fiber on ORNL's Precursor Evaluation System and ORNL's Pilot line. They will also evaluate advanced conversion processes, and evaluate resulting carbon fiber properties for mechanical properties and surface and morphological characteristics.

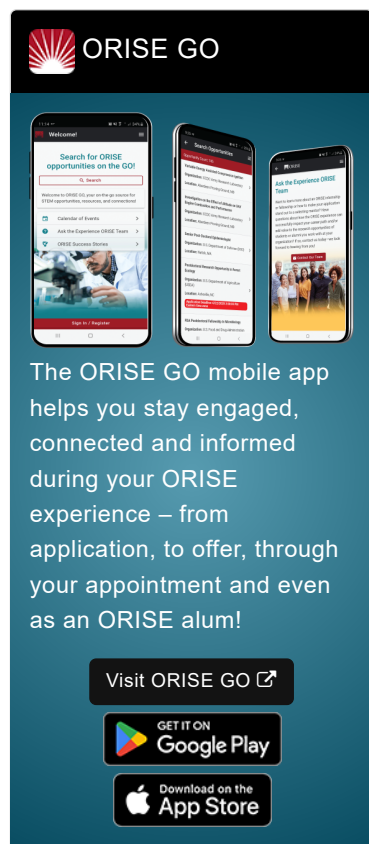
Qualifications Applicants must have a B. S. degree in materials science and engineering or a closely related field. Previous experience in conducting laboratory experimental activities such as materials processing and testing is required.

Applicants cannot have received the most recent degree more than three years prior to the date of application and must complete all degree requirements before starting their appointment. This position requires access to technology that is subject to export control requirements. Therefore, the successful candidate must be a U.S. citizen.

- Eligibility Requirements**
- **Citizenship:** U.S. Citizen Only
 - **Degree:** Bachelor's Degree received within the last 36 month(s).
 - **Discipline(s):**
 - **Engineering** ([27](#) )


Affirmation I certify that I have completed coursework towards a degree in science, technology, engineering, mathematics, or a related field.

ORAU is an Equal Opportunity Employer (**EOE AA M/F/Vet/Disability**); visit the [ORAU website](#) for required employment notices.



ORISE GO

The ORISE GO mobile app helps you stay engaged, connected and informed during your ORISE experience – from application, to offer, through your appointment and even as an ORISE alum!

Visit ORISE GO 

GET IT ON
Google Play

Download on the
App Store