Cluster Hires in Carbon Electronics at NC State University

As part of the **Chancellor’s Faculty Excellence Program**, NC State University welcomes **two faculty at any rank** to expand the interdisciplinary cluster on **Carbon Electronics**. The Carbon Electronics Cluster seeks to transform energy and quantum science applications using emerging molecular, organic and hybrid materials and their devices. The Cluster is committed to achieving this aim through interdisciplinary integration of research, education, engagement, and entrepreneurship. More details can be found here: [https://oracel.sciences.ncsu.edu/jobs/](https://oracel.sciences.ncsu.edu/jobs/)

Candidates with experimental or theoretical research interests and expertise in broad areas related to organic, polymer, nanocolloidal, and hybrid materials and devices will be considered. Particular areas of interest include characterization of applied soft materials, device fabrication and integration, photonics, phononics, bio-inspired computing, bioelectronics and sensing applications.

Candidates will be expected to establish a research group with significant external funding and visibility. Priority will be given to candidates that seek to collaborate across disciplines with faculty in the Carbon Electronics Cluster at NC State or expand the reach of the Cluster with new collaborations. Candidates will mentor postdoc, graduate, and undergraduate student research, teach classes in their home department, and contribute to NC State's institutional goal of excellence.

Minimum requirements for the position are a Ph.D in Physics, Chemistry, Materials Science, Chemical or Electrical Engineering, or a related technical or scientific field, a track record of research accomplishments in areas related to the Carbon Electronics cluster, and evidence of a commitment to supporting students through inclusive educational activities. **Candidates should submit:** A 2-3 page research plan, a cover letter describing interdisciplinary research experience and how it connects to the interests and goals of the Carbon cluster, and a 1-3 page teaching statement that includes specific discussion of accomplishments and plans for promoting inclusive and equitable education, outreach, or engagement. Questions about the position may be addressed to Dr. Dan Dougherty (dbdoughe@ncsu.edu).

Applications can be submitted online at this link: [https://aptrkr.com/3596364](https://aptrkr.com/3596364)

**Location:** Raleigh, North Carolina

**Position Number:** 00109664

**Posting Number:** PG192131EP

Review of applications will begin on 12/10/2022 and continue until the position is filled.

**NC State University is an equal opportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to**
race, color, national origin, religion, sex, gender identity, age, sexual orientation, genetic information, status as an individual with a disability, or status as a protected veteran.