ASSOCIATE OR FULL PROFESSOR, CLUSTER HIRE IN CARBON-BASED ELECTRONICS AND PHOTONICS

Job description

Posting Number: PG160094EP  
Internal Recruitment: No  
Working Title: Associate or Full Professor, Cluster Hire in Carbon-based Electronics and Photonics  
Anticipated Hiring Range: Commensurate with education, rank, and experience  
Work Schedule: Academic Position - Hours Vary  
Job Location: Raleigh, NC  
Department: Chemistry - Chancellor's Faculty Excellence Program- Carbon-based Electronics, Spintronics, and Photonics

About the Department:
The Chancellor’s Faculty Excellence Program is a cluster hire program that marks the first major initiative of the university’s strategic plan, “The Pathway to the Future.” NC State will soon complete its first cohort of twelve clusters, that will result in 44 new faculty members. Due to the success of the first cohort of clusters, the Chancellor released a second cohort of eight new clusters that began recruiting in the spring of 2015 which will bring an additional 33 faculty members. Explore the Chancellor’s Faculty Excellence Program and the first cohort of twelve clusters at http://ncsu.edu/workthatmatters.

The Chancellor’s Faculty Excellence Program is bringing some of the best and brightest minds to join NC State University’s interdisciplinary efforts to solve some of the globe’s most significant problems. Guided by a strong strategic plan and an aggressive vision, the cluster hiring program is adding new faculty members in select fields to add more breadth and depth to NC State’s already-strong efforts. The Chancellor’s Faculty Excellence Program marks a major initiative of the university’s strategic plan, “The Pathway to the Future.” NC State will soon complete its first cohort of twelve clusters with 41 hires to date. This success led to a commitment to establish eight new clusters consisting of 33 additional interdisciplinary faculty hires. We invite you to explore more information about the Chancellor’s Faculty Excellence Program and this cluster at https://facultyclusters.ncsu.edu and https://facultyclusters.ncsu.edu/clusters/carbon electronics/, respectively.

Essential Job Duties:
As part of the Chancellor’s Faculty Excellence Program, the Carbon-based Electronics, Spintronics, and Photonics Cluster at NC State University seeks candidates to fill a Tenured
Faculty Position (Associate or Full Professor) with expertise in synthetic materials chemistry. The ideal candidate should be a visionary leader in materials chemistry with demonstrated research excellence in the synthesis and characterization of organic, polymeric, and other carbon-based materials (including hybrids) for electronics, photonics, and related technologies. Priority will be given to candidates that have demonstrated interdisciplinary collaborations that cut across academic units and are able to generate the requisite research funding necessary for supporting these activities.

Minimum Experience and Education:
A Ph.D. in Chemistry or related discipline from an accredited institution.

Other Required Qualifications:
The candidate should have extensive experience teaching in the University Chemistry curriculum at both the undergraduate and graduate levels.
The candidate must also have experience in the research mentoring of doctoral students and postdoctoral fellows as evidenced through publication of research articles in peer-reviewed scientific journals.

Preferred Qualifications:
Priority will be given to candidates that have demonstrated interdisciplinary collaborations that cut across academic units.

Required License(s) or Certification(s): N/A

Valid NC Driver's License required: No

Commercial Driver's License required: No

Job Open Date: 08/31/2016

Special Instructions to Applicants:
Please attach a cover letter, curriculum vitae, a list of publications (as other document 1), and a statement of research (as other document 2). A comprehensive review of applications will begin immediately and continue until the position is filled. Questions about the position may be directed to Dr. Felix Castellano (fncastel@ncsu.edu).

Position Number: 00105667-C

Position Type: Tenured/Tenure-Track Faculty

Full Time Equivalent (FTE) (1.0 = 40 hours/week): 1.00
Appointment: 9 Month Recurring

Is this position partially or fully funded on ARRA stimulus monies?: No
Department ID: 170101 - College of Sciences - Dean

AA/EOE:
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.

If you have general questions about the application process, you may contact Human Resources at (919) 515-2135 or workatncstate@ncsu.edu. Individuals with disabilities requiring disability related accommodations in the application and interview process, please call 919-515-3148.

Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree equivalency verified at www.wes.org or equivalent service. Degree(s) must be obtained prior to start date in order to meet qualifications and receive credit.

NC State University participates in E-Verify. Federal law requires all employers to verify the identity and employment eligibility of all persons hired to work in the United States.

North Carolina State University at Raleigh
NC State: Think and Do
NC State was founded with a purpose: to create economic, societal and intellectual prosperity for the people of North Carolina and the country. We began as a land-grant institution teaching the agricultural and mechanical arts. Today, we're a pre-eminent research enterprise with 12 colleges excelling in all major academic fields.

Diversity Profile: North Carolina State University at Raleigh
NC State is a diverse community made up of people from different cultures, races, ethnicities, religions, physical abilities, and sexual orientation. These differences result in a diversity of ideas, knowledge and worldviews that enhance our education and preparation for work in a global economy. History and our own experiences have shown that when diverse ideas interact, the potential for innovation, creativity and understanding increases. As a research-extensive land grant university, we not only embrace diversity, but we believe it is central to the academic purpose of the institution. When there is diversity of ideas and people, there is new scholarship, innovation, and increased organizational effectiveness.
NC State is a diverse community made up of over 40,000 students, faculty, and staff from different cultures, races, ethnicities, and religions with varied physical ability and sexual orientation. These differences result in a diversity of ideas, knowledge and worldviews that enhance our education and preparation for work in a global economy. History and our own experiences have shown that when diverse ideas interact, the potential for innovation, creativity and understanding increases. As a research-extensive land-grant university, we not only embrace diversity, but we believe it is central to the academic purpose of the institution. When there is diversity of ideas and people, there is new scholarship, innovation, and increased organizational effectiveness. At NC State, our diversity makes us strong. We will continue to initiate academic curricula and courses, research areas, outreach programs and a campus culture where diversity of ideas and people is embraced. Below is a short list of diversity-related resources and support available to the entire NC State campus community. For complete information about diversity at NC State, visit the university diversity site. Click here to learn more about Faculty and Staff Diversity Initiatives!