Research Associate - Materials for Energy Storage

The Department of Materials Science and Engineering at the University of Virginia is seeking to fill a Research Associate position in the framework of an ongoing research effort on solid state batteries. Primary duties include the design, synthesis and development of novel battery systems for energy storage and delivery. The work will involve chemical and solid state synthesis of oxide materials, tailoring of their properties and structure as well as functional characterization, with the objective to add to the knowledge base of materials and battery science. The successful candidate will be familiar with most or all of the following research areas: electrochemistry, materials synthesis and characterization (including among others X-ray diffraction, scanning electron microscopy, electrochemical techniques).

The appointment will be for one year, renewable pending satisfactory performance and funding.

Responsibilities:
1. Develop an efficient, reliable battery device for energy storage
2. Manage laboratory facilities, perform measurements, update equipment, develop procedures for operation and safety
3. Assist in drafting proposals, reports, and research papers

Requirements:
- Ph.D. in a relevant field (materials science, chemistry, chemical engineering, among others)
- Strong technical aptitude and working knowledge of electrochemistry, materials science, and energy storage technology
- Attention to detail and good record keeping ability
- Excellent oral and written communication skills

To apply, visit https://jobs.virginia.edu and search job posting number 0622993. Complete an online candidate profile and attach a cover letter, detailed curriculum vitae, and contact information for three references.

For additional information about the position, please contact Prof. Giovanni Zangari at gz3e@virginia.edu. For additional information about the application process, please contact Jeannie Reese at jsv7u@virginia.edu.

The University of Virginia is an affirmative action/equal opportunity employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply.