



# Careers at Virginia Tech

## Research Associate

**Job no:** 532164

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**Work type:** Research Faculty

**Senior management:** Agriculture & Life Sciences

**Department:** Biological Systems Engineering

**Location:** Blacksburg, Virginia

**Categories:** Research / Scientific

<b>Job Description</b>	The Virginia Household Water Quality Program (VAHWQP) is a Virginia Cooperative Extension program that is operated through the Biological Systems Engineering (BSE) department. VAHWQP provides confidential water testing and educates private water supply users (clientele) through drinking water clinics. Faculty in BSE, working with local VAHWQP-trained Virginia Cooperative Extension agents, coordinate drinking water clinics in at least 60 counties per year. The position described herein creates value by providing logistical and analytical support for VAHWQP and is critical to the day-to-day operation of VAHWQP.
<b>Required Qualifications</b>	Masters degree in Chemistry, Environmental Science, Biology or similar field or an exception can be made for a BS in Chemistry, Environmental Science, Biology or similar field with significant analytical laboratory experience. Experience with standard laboratory data QA/QC protocols and data management. Evidence of effective communication and teamwork skills. Demonstrated expertise with using applicable computer software (i.e., Microsoft Word, Excel, PowerPoint, Access, and Visual Basic for Applications, and ESRI ArcGIS). Ability to coordinate lab sample chain of custody and travel logistics. Must have valid driver’s license and good driving record. To excel, the person in this position should be detail-oriented and willing to develop and share creative solutions to problems with VAHWQP clinic logistics and data management.
<b>Preferred</b>	Experience with ion chromatography and microbiological assessment techniques. Evidence of the application of good laboratory practices. Experience with instrument

Qualifications

evidence of the application of good laboratory practices. Experience with instrument troubleshooting and maintenance. Experience with innovative database management and manipulation, specifically using Microsoft Access to store, compile and query data for the purpose of generating individual sample result reports and report interpretation material. Experience with using GIS software to analyze spatially disparate data to inform research and stakeholder information exchange.

Appointment Type

Restricted

Salary

Commensurate with Experience

Information

Review Date

02/16/2025

Additional Information

The Biological System Engineering Department at Virginia Tech seeks a Research Associate

The successful candidate will be required to have a criminal conviction check.

About Virginia Tech

Dedicated to its motto, *Ut Prosim* (That I May Serve), Virginia Tech pushes the boundaries of knowledge by taking a hands-on, transdisciplinary approach to preparing scholars to be leaders and problem-solvers. A comprehensive land-grant institution that enhances the quality of life in Virginia and throughout the world, Virginia Tech is an [inclusive community](#) dedicated to knowledge, discovery, and creativity. The university offers more than 280 majors to a diverse enrollment of more than 36,000 undergraduate, graduate, and professional students in eight [undergraduate colleges](#), a [school of medicine](#), a [veterinary medicine](#) college, [Graduate School](#), and [Honors College](#). The university has a significant presence across Virginia, including the [Innovation Campus](#) in Northern Virginia; the Health Sciences and Technology Campus in Roanoke; sites in Newport News and Richmond; and numerous [Extension offices](#) and [research centers](#). A leading global research institution, Virginia Tech conducts more than \$500 million in research annually.

Virginia Tech endorses and encourages participation in professional development opportunities and [university shared governance](#). These valuable contributions to university shared governance provide

[university shared governance](#). These valuable contributions to university shared governance provide important representation and perspective, along with opportunities for unique and impactful professional development.

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If you are an individual with a disability and desire an accommodation, please contact Erin Ling at [ejames@vt.edu](mailto:ejames@vt.edu) during regular business hours at least 10 business days prior to the event.

**Advertised:** January 24, 2025

**Applications close:** Open until filled

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