

Electronics Technical Associate, Chemistry  
University at Buffalo, The State University of New York

Direct Link: <https://www.AcademicKeys.com/r?job=242927>

Downloaded On: Nov. 21, 2024 5:34pm

Posted Aug. 9, 2024, set to expire Aug. 4, 2025

<b>Job Title</b>	Electronics Technical Associate, Chemistry
<b>Department</b>	Chemistry
<b>Institution</b>	University at Buffalo, The State University of New York Buffalo, New York
<b>Date Posted</b>	Aug. 9, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Classified Staff
<b>Academic Field(s)</b>	Research/Technical/Laboratory
<b>Job Website</b>	<a href="https://www.ubjobs.buffalo.edu/postings/52058">https://www.ubjobs.buffalo.edu/postings/52058</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

### Position Summary

The [Department of Chemistry](#) in the [College of Arts and Sciences](#) at the [University at Buffalo](#) is seeking an **Electronics Technical Associate**. In this role you will be responsible for the repair and maintenance of scientific instrumentation used for instruction and research in the department and as requested by other instructional or research units in the university.

Principal responsibilities/duties include:

- Maintenance and repair of all instrumentation electronics in the chemistry teaching and research programs [e.g., spectrometers, chromatographic and mass spectrometric systems (NMR, LC-MS, GC-MS, ESCA, SIMS, FT-MS, ICP-MS, etc.), pH meters, UV-Vis and IR spectrophotometers,

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- balances, heat blocks, and various other laboratory equipment].
- Diagnose RF, analog, and digital circuit failures as it pertains to available instrumentation and perform repairs.
  - Perform computer/hardware interfacing as required, meeting specifications of instrumentation and manufacturer software.
  - Troubleshoot equipment malfunctions and perform upgrades and repairs of instrumentation as required.
  - As needed, contribute to the design and fabrication of new specialized equipment based upon the specifications and needs of the user (i.e., graduate students, faculty, and staff).
  - Ensure effective and efficient Electronic Shop service. This includes managing work orders, keeping records, scheduling jobs, updating customers on their job's status, promptly charging for work, maintaining test equipment, maintaining an inventory of commonly used tools & parts, and maintaining a library of relevant information (such as repair manuals, catalogs, and technical data).
  - Serve as liaison between the department and other service departments within and outside of the college and provide the repair of electronic equipment to other university units, as needed.
  - Supervise, when required, student workers or interns.

### **Outstanding Benefits Package**

Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit – all in an effort to support your work-life effectiveness. We support your growth and development through our career coaching and training department and we qualify as a public service loan forgiveness organization. Learn more about our [benefit packages](#).

### **About The University at Buffalo**

The University at Buffalo (UB) is one of America's leading public research universities and a flagship of the State University of New York system, recognized for our excellence and our impact. UB is a premier, research-intensive public university dedicated to academic excellence. Our research, creative activity and people positively impact the world. Like the city we call home, UB is distinguished by a culture of resilient optimism, resourceful thinking and pragmatic dreaming that enables us to reach others every day. Visit our website to learn more about the [University at Buffalo](#).

University at Buffalo is an affirmative action-equal opportunity employer and, in keeping with our commitment, welcomes all to apply including veterans and individuals with disabilities.

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### **Minimum Qualifications**

- A minimum of an associates degree with 2 years of experience, a combination of degree, certification and experience will be considered in lieu of the degree requirements.

### **Preferred Qualifications**

- Bachelors degree in a science-related field or engineering preferred
- At least one year of relevant experience.

### **Physical Demands**

Ability to transport laboratory equipment and move with the assistance of a dolly or cart.

### **Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

### **Contact**