

Instrumentation Core Staff
Worcester Polytechnic Institute

Direct Link: <https://www.AcademicKeys.com/r?job=234641>

Downloaded On: May. 16, 2024 3:58am

Posted Apr. 15, 2024, set to expire Jul. 4, 2024

Job Title Instrumentation Core Staff
Department Manufacturing Innovation
Institution Worcester Polytechnic Institute
Worcester, Massachusetts

Date Posted Apr. 15, 2024

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Classified Staff

Academic Field(s) Public Safety
Administrative Support/Services

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Job Description

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JOB TITLE

Instrumentation Core Staff

LOCATION

Worcester

DEPARTMENT NAME

Manufacturing Innovation

DIVISION NAME

Instrumentation Core Staff Worcester Polytechnic Institute

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Worcester Polytechnic Institute - WPI

JOB DESCRIPTION SUMMARY

The Instrumentation Core Staff is responsible for maintenance, training, and technical support for life science instrumentation in core research facilities. The primary responsibilities include establishing and supporting experimental procedures as well as troubleshooting and maintaining a variety of life science instrumentation. The Instrumentation Core Staff member is part of WPI's core facilities' technical support team and partners closely with faculty, staff, and students (undergraduate and graduate) to ensure customers' needs are met. The major scientific instrumentation includes GC-MS, LC-MS, PCR, AFM, flow cytometry, and plate readers.

WPI is passionate about creating an inclusive workplace that promotes and values diversity. We are looking for candidates who can support our commitment to equity, diversity and inclusion.

JOB DESCRIPTION

Working under the direction of the Director of the Life Sciences and Bioengineering Center (LSBC) this position will be responsible for performing varied duties including the following:

- Communicate effectively with all stakeholders and provide exceptional customer service
- Develop and implement procedures for life science instrumentation
- Manage and track instrument usage and maintenance in iLab online calendaring system
- Effectively manage internal and external users' access, training, scheduling, usage tracking, and monthly invoicing in iLab and Workday
- Identify and maintain appropriate supply of spare parts/consumables for all of the instruments, including order placement and receipt
- Produce quarterly and annual usage reports;
- Enable efficient new instrument installations by partnering with faculty, Procurement and Facilities colleagues, and others as necessary
- Forge strong partnerships with faculty and fellow technical support staff
- Liaison with WPI Facilities staff and safety officers
- Develop and disseminate instrumentation startup guides and tutorials as needed
- Train new users and certify competence
- Stay current on analytical techniques and technologies by attending training workshops
- Perform all other duties as assigned

Requirements:

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- Bachelor's degree in Biology or related field
- 5 Years industry experience
- Experience with PCR, flow cytometry, plate readers, liquid handling
- Experience with Atomic Force Microscopy with knowhow in advanced scanning probe modes
- Be an effective and flexible communicator to a very diverse community
- Strong technical, analytical, and computer skills
- Be responsive to customers' needs

FLSA STATUS

United States of America (Exempt)

WPI is an Equal Opportunity Employer that actively seeks to increase the diversity of its workplace. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability. It seeks individuals with diverse backgrounds and experiences who will contribute to a culture of creativity, collaboration, inclusion, problem solving, innovation, high performance, and change making. It is committed to maintaining a campus environment free of harassment and discrimination.

To apply, visit: https://wpi.wd5.myworkdayjobs.com/en-US/WPI_External_Career_Site/job/Worcester/Instrumentation-Core-Technician_R0002373

About WPI

WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

Diversity & Inclusion at WPI

WPI is committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, so that they can study, live, and work comfortably, to reach their full potential, and make meaningful contributions in order to meet departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community

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environment and propel the institution to the next level in a competitive, global marketplace.

Contact Information

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

Contact

N/A

Worcester Polytechnic Institute

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