Metrologist positions for the Physical Measurement Laboratory (PML) | National Institute of Standards and Technology

The Physical Measurement Laboratory (PML) of the National Institute of Standards and Technology (NIST) anticipates the need for metrologists at various degrees of experience and educational levels. (https://www.nist.gov/pml). The PML has more than 400 employees that are scientists or engineers and hosts approximately 500 students, postdoctoral researchers, visiting scientists, and contractors annually. PML provides traceability of measurements to the International System of Units (SI) through its primary national standards for frequency, temperature, length, mass, luminous intensity, and various electrical units. The role of the metrologist is to provide calibrations, reference standards, and other measurement services to disseminate standards for the SI units and other national measurements scales. Services are continually evolving to provide the measurements and associated uncertainties needed to support U.S. innovation and industrial competitiveness.

NIST provides multidisciplinary calibration and measurement services in the areas of Biomedical, Dimensional, Electromagnetic, Environmental Area, Ionizing Radiation, Mechanical, Optical Radiation, Thermodynamic, and Time and Frequency measurements. These programs support U.S. industry, government, and academic stakeholders. NIST also maintains specialized facilities that include the Synchrotron Ultraviolet Radiation Facility (SURF III), the Low-Background Infrared Facility, the Large-Scale Dimensional Metrology Facility, the million-pound dead-weight facility, the National Center for Neutron Research, the UTC (NIST) Time Scale, the NIST Wind Tunnel, and radio stations for time dissemination. Metrology duties are performed on the NIST campuses in Gaithersburg, MD and Boulder, CO.

Interested candidates should have research experience and a degree in a physical science or engineering field in accordance with the OPM qualification standards. An interested candidate must be a U.S. Citizen and should submit a Curriculum Vitae or a Resume and a list of potential references by November 30, 2022 to Zulma Lainez, 100 Bureau Drive MS 8400, Gaithersburg, MD 20899-8420 or by email to Zulma.Lainez@nist.gov. Technical questions concerning this position should also be directed to Dr. James Fedchak at james.fedchak@nist.gov.

Whether submitting a Curriculum Vitae or a resume, the candidate must provide sufficient information to clearly articulate their technical and research capabilities and experience. This information may be provided in a separate cover letter. Individuals should also include a list of publications and a list of talks and presentations, if applicable. The identified candidates will be hired at the ZP-III (GS-12 to GS-13 equivalent) level. Depending on the identified candidates professional background they will be hired as a Physicist, ZP-1310, Grade III; Chemist, ZP-1320, Grade III; Supervisory Physical Scientist, ZP-1301, Grade III; or as a General Engineer, ZP-0801, Grade-III. The applicant's Curriculum Vitae or Resume must provide evidence of their knowledge and laboratory experience in a physical science or engineering discipline. Applicants must be able to show at least one year of experience equivalent to the GS-11 level. Positions, when available, will be posted at (http://www.usajobs.gov). The salary range for the position is $74,950 to $116,788 per annum. The National Institute of Standards and Technology of the Department of Commerce is an Equal Opportunity Employer.