

Research Scientist | Special Programs Office | National Institute of Standards and Technology

Position Announced April 17, 2024

Application Deadline: May 31, 2024

The Special Programs Office of the National Institute of Standards and Technology (NIST) anticipates the need for a **Lead Research Scientist in the Greenhouse Gas Measurements Program** (<https://www.nist.gov/greenhouse-gas-measurements>). The successful candidate will engage with internal and external stakeholders in climate science, greenhouse gas measurement, and emissions mitigation to:

- assess the current landscape of GHG measurement methods and practices and those related to advancing measurement and modeling practices for emissions quantification,
- assess the current state of GHG measurement needs of the private sector, and local and state governments,
- identify and assess research areas and capabilities in the NIST Laboratories that advance measurement and standards capabilities for GHG emissions quantification,
- develop, evaluate, and enable implementation of a strategic GHG measurements research program plan, priorities, roadmaps, and action plans for organizational excellence, integrity, perseverance, and inclusivity,
- lead and manage designated projects and/or teams supporting the greenhouse gas measurements program,
- curate/deliver quality-assured GHG emission fluxes,
- facilitate development and adoption of research-based best practice guidance and documentary standards,
- respond to NIST GHG emissions measurement science initiatives and mandates as requested, and
- serve as a trusted advisor and forward-thinking leader on GHG measurement science and greenhouse gas emissions quantification.

The principal duties for this position are performed on the NIST campus in **Gaithersburg, MD**.

Interested candidates should have research experience and a degree in a physical science field in accordance with the OPM qualification standards (<https://www.opm.gov/policy-data-oversight/classification-qualifications/general-schedule-qualification-standards/>). Candidates must be a U.S. Citizen and should submit a Curriculum Vitae or a Resume and a list of potential references by May 31, 2024, to Katherine Sharpless by email at katherine.sharpless@nist.gov. For technical questions concerning this position please contact James Whetstone, Special Programs Office (james.whetstone@nist.gov).

Whether submitting a Curriculum Vitae or a resume, the candidate must provide sufficient information to clearly articulate their research, as well as project and program management experience. This may be provided in a separate cover letter. Individuals should also include separate lists of publications, talks, and presentations covering the past 5 years demonstrating research experience.

The identified candidate will be hired at the ZP-V (GS-15 equivalent) level. The applicant's Curriculum Vitae or Resume must provide positive evidence that they are critical thinkers with the ability to translate research advances into practice. Applicants must be able to show at least one year of experience equivalent to the GS-13/14 level (ZP-IV at NIST). The salary range for the position is \$163,964 to \$191,900 per annum. The National Institute of Standards and Technology of the Department of Commerce is an Equal Opportunity Employer.