

Technology Strategy Fellowship Microelectronics Advanced Manufacturing

The NIST Office of Advanced Manufacturing (OAM) is seeking an Advanced Manufacturing Technology Fellow to work with OAM via an Intergovernmental Personnel Act (IPA)* agreement or interagency detail for one to three-years starting July 2024 or later. OAM coordinates Manufacturing USA – a growing national network of [R&D institutes](#), each with a unique technological concentration. OAM is currently planning institutes in new technologies, including in microelectronics. Manufacturing USA was created to secure U.S. global leadership in advanced manufacturing through large-scale public-private collaboration on technology research, supply chains, and education and workforce development.

Applicant Information:

An ideal fellow is from an IPA-eligible institution* or a staff member at a federal agency who has experience in digital twins, artificial intelligence (AI), artificial reality/virtual reality/extended reality (AR/VR/XR) applications, machine learning, or semiconductor production research and development. The fellow will provide advice on strategies and planning, including industry-led public-private partnerships, pilot programs, testbeds, and digital frameworks that can be applied in current and future Manufacturing USA Institutes.

Please review and forward to any colleague who may be interested in applying.

Interested individuals should:

- Email a resume and cover letter expressing interest to: oamjobs@nist.gov.
- Include 'Advanced Manufacturing Technology Fellow' in the subject line.

Priority given to resumes received by April 15, 2024.

Start date: July 2024 or later

Additional questions can be addressed to: oamjobs@nist.gov

Additional Position information

This full-time position is located at the NIST headquarters in Gaithersburg, MD and is eligible for hybrid telework.

For further information about the NIST Office of Advance Manufacturing and the network of 17 Manufacturing USA Institutes impacting a range of technologies, please refer to the following sites.

[How We Work | Manufacturing USA](#)

[NIST Office of Advanced Manufacturing \(OAM\) | NIST](#)

* The Intergovernmental Personnel Act Mobility Program provides for the temporary assignment of personnel between the Federal Government and colleges and universities, federally funded research and development centers, state and local governments, Indian tribal governments, and other eligible organizations. (<https://www.opm.gov/policy-data-oversight/hiring-information/intergovernment-personnel-act/>)