

Xerox Corporation

**Xerox Research Center Webster
Webster, New York**

Nanoscientist / Nanotechnologist Member Research & Technology Staff II

We are currently seeking outstanding and highly-motivated candidates to join the Nanotechnology team in the Xerox Research Center in Webster, New York. The successful candidates will conduct fundamental research to study interactions between nanostructured surfaces and nanocoatings with imaging materials such as inks and toners. He/she will also investigate the structure-property relationships of nanomaterials, nanostructures and/or nanosystems in integrated devices and subsystems relevant to the current and future printing processes. From there, future printing devices and processes with radically improvements in speed, size, cost per performance, reliability, smartness and print quality will be invented, designed, built and developed. The highly qualified candidates is expected to perform bench tests and system tests for the prototypical nano devices under development; and the desire to work in a laboratory environment with other scientists, technologists and engineers of the R&D community. Excellent interpersonal and communication skills in the form of written reports and presentations are required. In addition to the candidate's own research, he/she is expected to work with strategic partners in both university and industry to expedite technology development and transfer.

The ideal candidate should have a PhD degree in Nanoscience from a physics, chemistry, materials science and/or engineering department. Demonstration of outstanding experimental and analytical skills acquired through previous work experiences, thesis, or Post Doc work is required. Experiences in photolithography, MEMS, nano device fabrication, such as inkjet, nano imprinting, flexible electronic, etc. are highly desirable.

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