

Xerox Research Center Webster

We dream. We connect.
We make ideas happen.

For more than 50 years, the innovations developed at Xerox Research Center Webster in New York (XRCW) have changed the way people work and contributed to the most successful products and services in Xerox history.

As Xerox's largest research center, we house some of the brightest physical, computer and social scientists and engineers in the world. Our researchers make technologies work and ideas happen by combining a deep expertise in competencies such as imaging, computing and marking science with a "system-view" approach to solving problems.

Our Research

Today, as the world's leading enterprise for business process and document management, Xerox is showing up in many unexpected places, providing a full line of business services in healthcare, telecommunications, transportation, government, customer care, printing and more. As a result, our center now innovates in areas such as big data analytics, cloud and distributed IT systems and computer vision while continuing to push the limits of document technology. Our capabilities range from the physics, chemistry and engineering of putting "marks on paper" to newer disciplines:

- Image & video processing
- Machine learning
- Data mining & data fusion
- Cloud computing
- Distributed systems design
- Intelligent sensing
- Information retrieval & visualization
- Human computation
- Electromechanical systems design & control
- Microsystems design and fabrication
- Nanotechnology materials and surfaces innovation
- Print process and marking science
- Modeling and simulation of device physics



Proven Expertise in Solving Complex Problems

Since 1960, XRCW has provided the technical foundation and intellectual property protection for Xerox businesses. Today, the tradition of powerful, market-facing innovation continues over an increasing number of domains. For example, in education we've invented a teacher support system that makes personalized instruction in the classroom practical. We're also exploring how video cameras and imaging processing technologies can monitor a hospital patient's vital signs or help government agencies improve transportation challenges.

Committed to Collaboration

Located in upstate New York, XRCW is one of Xerox's five global research centers. Each day our researchers collaborate closely with their peers in other U.S. locations, in Canada, Europe and India. Our center plays an important role in the Xerox Innovation Group's Customer Led Innovation program, which aims to accelerate the pace of bringing disruptive technologies to the marketplace. We work directly with customers, learn their pain points, understand their needs and collaborate with them to envision what the future will look like as technology increasingly influences the way businesses operate. You will find our researchers conducting "customer dreaming" sessions, work practice studies and technology pilots in partnership with strategic customers.

Open Innovation

We also collaborate on cross discipline projects with the world's leading universities and research institutes.

Projects typically are cross discipline, designed to advance science and impact the "real" world.

Collaboration provides students with an opportunity to participate in summer research and post doctorate positions.

Open Innovation includes industrial partnerships. By combining the resources and expertise of Xerox with other companies or government agencies, we can explore opportunities more efficiently.

Conferences and Publications

XRCW encourages researchers to participate in conferences in their areas of expertise. Members of the research staff routinely present their work to their peers from around the world at cutting-edge conferences and in journal publications.



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