



E²F Research™

The Enterprise and Empowerment Foundation of Norfolk State University *

Conducting Research for Technological Innovations

A strategic part of the Enterprise and Empowerment Foundation's business brands, **E²F Research™** serves to promote, support, and enhance the research mission of Norfolk State University (NSU) by providing exceptional organizational, fiscal, and support services in the most cost-effective and efficient manner. **E²F Research™** creates and develops opportunities to increase university sponsored research activities and promotes the conversion of research results and intellectual properties into technological innovations and patented commercialized products.

Via its business arm **E²F Research, LLC**, **E²F Research™** manages the research contract infrastructure, wherever and whenever applicable, on behalf of NSU. Additionally, **E²F Research™** will identify, legally protect, and market intellectual properties that result from work performed by NSU researchers. **E²F Research™** will also facilitate the creation of start-up businesses and related new jobs spawned by research-based intellectual property.

Research performed at Norfolk State University facilitates the education of its students, the acquisition of new and important technology, and the professional growth of its researchers. As a direct result of its many research success stories, NSU has achieved prominence within the Hampton Roads Region, the Commonwealth of Virginia, and throughout the United States. Much of the research at NSU is conducted within its various Centers of Excellence that are as follows:

- ◆ Bringing Education and Science Together (B.E.S.T) Laboratory
- ◆ Center for Entrepreneurship (CfEN)
- ◆ Center for Materials Research (CMR)
- ◆ Center for Photonic Materials Research (CPMR)
- ◆ Center for Strategic & Global Studies
- ◆ Institute for Information Assurance Research (IIAR)



E²F Research™ encourages, advances, and nurtures research in the areas of computer science, materials science, engineering, and the physical and life sciences. Our researchers are working and achieving breakthroughs in the areas of e-battlespace development, wireless sensor networking, maritime security, modeling and simulation, photonics, nanotechnology, crystal growth, and device fabrication. Additionally, our researchers are connected to the world via the Enterprise and Empowerment Foundation's **RISE SuperNodeSM**, a private synchronous optical network (SONET) with ultra-high capacity, fault-tolerant design, supporting speeds from 1.5 megabits per second (DS-1) up through multiple 10 Gbps (10,000 megabits per second) Lightwave networks. The **RISE SuperNodeSM** provides Internet connectivity across the university's enterprise and connection to Internet2.

E²F Research™ spearheads agreements with government agencies, private industry, and fellow institutions of higher learning. **E²F Research™** utilizes the existing capabilities of NSU's researchers as well as recruits additional highly-qualified scientists to meet the ever-increasing demands of our customers for technological innovations. All the while, **E²F Research™** provides a business-oriented organizational structure capable of responding to the requirements of the marketplace with flexibility and creativity.

E²F Research™, via **E²F Research LLC**, will persist in its mission to support researchers at NSU by providing top-notch pre- and post-award sponsored research contract services in support of the university's research initiatives. Additionally, **E²F Research™** contributes to the university's efforts towards the recruitment and retention of the best-qualified researchers, and promotes an increased level of sponsored funding from all relevant sources. By building a foundation for excellent research through electronic administration, responsible stewardship of funds, and sound management practices, **E²F Research™** will continue to be an important partner in Norfolk State University's research endeavors.

For more information on **E²F Research™**, please contact:

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***** The mission of the **Enterprise and Empowerment Foundation of Norfolk State University (E²F)** is to provide brands and services that promote applied research and technological innovations that, in turn, contribute positively to the economic strength of the Hampton Roads region and the Commonwealth of Virginia. The Foundation is the organizational power behind **E²F Real Estate™**, **E²F Research™**, the **Marie V. McDemmond Center for Applied Research**, the **RISE Campus™**, and the **RISE SuperNodeSM**.

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