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## James F. Leary

Professor of Biomedical Engineering  
 SVM Professor of Nanomedicine  
 Member of Birck Nanotechnology Center, Bindley Biosciences Center, Oncological Sciences Center, and Purdue Cancer Center

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Research web site: <http://www.purdue.edu/dp/mcf>**Education**

- SB, Aeronautics/Astronautics, Massachusetts Institute of Technology, 1970
- SB, Humanities (Philosophy/History), MIT, 1970
- MS, Physics, University of New Hampshire, 1974
- PhD, Biophysics, Penn State University, 1977
- Post-doctoral Fellow, Los Alamos National Laboratory (Cytometry/Immunology), 1978

**Biography****Research Interests**

- High-throughput and BioMEMS cell analysis and separation technologies for genomics and proteomics (cytomics)
- High-speed imaging/laser ablation/laser opto-injection technologies for stem cell engineering
- Nanomedicine approaches to cancer diagnostics and therapeutics, antiviral therapies, and regenerative medicine

**Recent Publications**

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