

Strategic Partnership for Industrial Resurgence (*SPIR*)

Lisa Chichura, Ph.D.
Associate Director

Strategic Partnership for
Industrial Resurgence



AT STONY BROOK UNIVERSITY

www.spir.sunysb.edu



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Mission

To revitalize and redirect New York State industry by transforming it from defense-related work to a knowledge-based economy that continually develops new technologies.

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Strategic Partnership for Industrial Resurgence

- Established July 1, 1994 by New York State
- Help NY industry compete more effectively
- Fills gap in state industrial assistance programs
- Provides multi-disciplinary technical assistance on a fast turnaround basis
- GOAL - help companies to
 - improve their market posture
 - retain existing employees
 - create new jobs

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How are we doing?

- Finished 22nd year cumulative State contribution of \$16.5 M
- Completed more than 3,200 projects with more than 500 New York State companies
- Created/retained projected total of 14,700 jobs
- Generated \$35.3 million in company contributions
- Won ~\$111.2 million in joint Federal funding awards including \$18.7M in SBIR/STTR awards since 2001
- Typical project – SPIR assistance averted the shut-down of a manufacturing line saving 600 jobs

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Seven Ways SPIR Helps NY Industry

1. Provides matching funds for projects with USB
2. Increases a company's R&D potential
3. Permits companies to try new technologies before making capital investments.
4. Provides shared equipment, laboratories and other resources.
5. Assists companies in competing for government contracts and programs.
6. Develops partnerships with other companies.
7. Shares employment costs of student interns.

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Classification of SPIR Projects

- Joint projects to seek federal and other funding
- Manufacturing process improvement and quality assurance
- Prototype and new product development
- Testing and evaluation
- Research and development
- Failure analysis

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Advantages to Industry

- A source of properly trained students
- Leveraging of funds for research opportunities
- Access to university laboratories and computing facilities
- Utilizing the university as a catalyst to form partnerships with other companies and with federal agencies
- Technology transfer
- Increased visibility for and company and its products

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Advantages to the University

- Support for graduate and undergraduate students
- Technology transfer
- Leveraging of research funds
- Improved quality of educational programs
- Better employment opportunities for graduates
- Greater visibility of the university's impact on economic development in the region

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SPIR Departments

- Applied Mathematics & Statistics
- Biomedical Engineering
- Civil Engineering
- Computer Science
- Electrical & Computer Engineering
- Materials Science & Engineering
- Mechanical Engineering

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How do I initiate a SPIR project?

- Contact SPIR Director/Coordinator
- Discuss scope of project and requisite skills
- Potential match with faculty member
- Submit short proposal to SPIR
- Explore brokering opportunities, if appropriate
- Project Starts!

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For more information go directly to our website



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