

MISSION STATEMENT

To engage in research, education, and service to improve the overall effectiveness of the medical devices and equipment (MDE) industry across its entire value chain.

CareMed provides the organizational structure to link interdisciplinary researchers, industry organizations, and government regulatory agencies, and enables the domestic and global medical devices industry to better deliver products and services that increase societal welfare.



CareMed Academic Partners:

- College of Arts & Sciences
- College of Business Administration
- College of Engineering
- College of Medicine
- College of Public Health
- San Diego State University

CareMed Industry Partners:

- Bausch & Lomb
- Baxter Healthcare
- GE Healthcare
- ETI, Inc.
- Florida High Tech Corridor
- Florida Medical Manufacturers' Consortium
- NDH Medical, Inc.

<http://caremed.eng.usf.edu>



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Welcome to the Center for Applied Research in Medical Devices (CareMed)

at University of South Florida
Tampa, FL

A Sloan Industry Center

Benefits to the State

The State of Florida is ranked second in the United States in biomedical employment generating nearly 75,000 jobs and \$3 billion in payroll. It houses a significant number of medical device facilities specifically in Florida regions such as Tampa, St. Petersburg, Clearwater, Miami, and Fort Lauderdale. Almost 90% of these facilities are small companies reporting less than 50 employees. It is

understood that such companies, though efficient and possessing state-of-the-art technology, have fewer employee development resources, less access to industry specific training, and limited research resources.



With such potential within the State, as a newly established center,

CareMed's current focus:

- Securing internship positions
- Receiving industry projects for students and faculty collaboration
- Developing advisory board of industry executives



Contact the center to participate...



CareMed activities:

- develop university-level **coursework and other courses/workshops** to support medical device industry needs, especially in the area of Regulatory Affairs
- facilitate the **transfer of knowledge** through seminars/symposiums/meetings
- **develop interdisciplinary projects** including partners across colleges
- **collaborate on industrial projects** engaging students, faculty, industry and government groups
- **maintain an advisory board** consisting of industry and government groups with university colleagues
- **engage in innovative research projects** in manufacturing to develop cost reduction methods and project management tools applicable in this highly regulated manufacturing environment

Impact of CareMed

The IMSE Department and the College of Engineering at USF have done outstanding jobs in the past when assisting the state of Florida in the educational environment. The continued relationship with state government and industry stakeholders, combined with the excellent research infrastructure of USF and the proximity of the medical device manufacturers makes the center location at USF ideal. The CareMed Regulatory Affairs Graduate Certificate Program is the first of its kind in the southeastern United States. Since the center will be engaged in research within a highly regulated industry, new opportunities will be created to collaborate with the Center for Devices and Radiological Health Division of the U.S. Food and Drug Administration.

CareMed offers through the IMSE department a **15-hour graduate certificate program** in regulatory affairs (with an explicit emphasis on medical devices). A formal **Master's degree** option is under development.

USF is dedicated to the discovery of new knowledge, insights, and forms of expression. As a leading publicly supported university, USF accomplishes its research mission by building on existing program strengths, by fostering effective, cross-disciplinary approaches, and by contributing to the resolutions of social, cultural, economic, medical and technological challenges facing the aging population.

