



The **College of Engineering** is focused on educating the next generation of engineers to prepare societal leaders with strong scientific and technical skills combined with an ethical and moral outlook to impact academia, business, government and/or the non-profit sector. Founded in 1947, it is now evolving into a program focused on advanced technology development in areas such as clean energy, nanoparticle technology, advanced materials including consumer products, health engineering, and advanced computing technologies.

The **Rosenstiel School of Marine, Atmospheric and Earth Sciences** was formed in the 1940's, and it has grown today into one of the leading academic oceanographic and atmospheric research institutions in the world. The School's basic and applied research interests encompass virtually all atmospheric and marine-related sciences.

Center for Aerosol Science and Technology (CAST)

The Center for Aerosol Science and Technology (CAST) at the University of Miami is a group of faculty, students, and researchers who focus on the characterization of fundamental aerosol formation and transformation processes to determine the impact on the Environment, Climate, Health, and to utilize these processes to develop new materials to enable Energy, Environment, Agricultural, Defense and Medical technologies.

Engineering Corporate Affiliate Partnership (E-CAP)

The College of Engineering has established the **Engineering Corporate Affiliate Partnership (E-CAP)** program to collaborate with various industries and groups to interact with our students and faculty. Being a member of E-CAP allows the corporate affiliates to attend Engineering Career Fairs and have opportunities to recruit students for internships and jobs. The College of Engineering has initiated work on a number of strategic initiatives with wide ranging impact. From interacting with bright students to meeting renowned faculty, we offer several opportunities that would be synergistically beneficial. Furthermore, E-CAP will provide opportunities for networking amongst various industries. Today, there are about 30 member companies.



CAST Membership Benefits

	Exploratory Affiliate	Silver	Gold	Platinum
Annual Donation	\$ 1000	\$ 2,500	\$ 5,000	>\$ 10,000
Featured in CAST Newsletter (4 times/yr) and Website	●	●	●	●
RECRUITING: Table at Annual Engineering Career Fair in September (Meeting with Engineering Leadership Group)		●	●	●
SEMINARS: Attendance at Engineering Seminars (once a week)		●	●	●
Complimentary ECAP (Engineering Corporate Affiliates Partnership) Member: Opportunity to network with other companies, other areas of engineering and advanced technology research. Attend Annual Meeting		●	●	●
PUBLICITY: Featured Article about company in College of Engineering Newsletter (Once a year) Sent to 10,000 Alumni, Academic Leaders, and All Corporate Partners			●	●
SHARED FACILITIES: Access to all Engineering Shared Facilities (including state of the art aerosol research instrumentation) at discounted rates			●	●
RESEARCH REPORTS AND RESULTS: Discuss research results and reports of interest with company prior to publication.				●
FUNDING, DISCUSSION and MEETINGS: Meetings per year with faculty group of interest to discuss collaborative projects. Develop proposals to jointly seek funding		1	2	3
STUDENT INTERACTIONS: Meetings per year with Student Groups (Esp. AAAR Student Chapter)		1	2	3
ANNUAL SUMMER SCHOOL IN WINTER (January timeframe) Three-day event: Table for Display of Company Information or Exhibit Number of representatives who can attend complimentary, including Short Courses	1	2	3	4
Named Scholarship (\$1000 each) to students			1	2

Corporate Affiliates may discuss and sponsor other activities as per interest. Funding research or having funded projects with CAST faculty provides corporate affiliates with automatic membership at appropriate level (no additional contribution is needed). Please discuss interest areas with the Director of CAST, Dr. C. Y. Wu (cxw964@miami.edu)

For more information, and signing up details, please contact Dr. C.Y. Wu, Chair of Department of Chemical, Environmental and Materials Engineering; and Director, CAST

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