UC Santa Barbara Engineering and the Sciences

Corporate Programs

Bridging the gap for business and academia
Partner of Choice for Collaboration

Entrepreneurial Culture
- Identify opportunities and react quickly
- Combine disciplines to solve complex problems
- Leverage expertise to discover innovative solutions
- Move discoveries beyond the laboratory

Interdisciplinary Approach

Industry Alliance

Technology Leadership

How UC Research is Put to Work
- Company founders
- UC Discovery Grant Sponsors
- California Institutes for Science and Innovation Partners
- Other UC Research Sponsors
- UC Technology Licensees
- Executives with UC Graduate Degrees

UCSB Connections with California R&D Firms
- 153 Companies Put UC Research to Work
Corporate Programs
Bridging Gap for Business and Academia

GOAL ALIGNMENT
Industry Engagement Continuum

Business
- Increase revenue
- Profitability
- New products
- Best and brightest
- Acquisitions

Academia
- Transform society
- Research initiatives
- Educate students
- Create new discoveries
Industry Engagement Continuum

Corporate Affiliate Alliance
- New Targets (introductory)
- Local targets
- Exact match
- SMB Market

Enhanced Corporate Alliance
- Targeted / unrestricted gift $’s
- Fellowship & UG scholarship funding
- Sponsored research
- Licensee of IP

Strategic Industry Alliance
- Mitsubishi Chemical Center for Advanced Materials
- Solid State Lighting & Display Center member (industry consortium)
- ICB (industry/government/academia consortium)
- Strategic alliance – customized partnership to meet company objectives
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Corporate Affiliate Program is a servicing tool

Corporate Account Relationship Officer

Recruiting Module
- Custom internships
- Custom recruiting efforts
- Company Insight days
- Priority placement

Research Module
- Faculty connections
- Advisory services
- Custom research access

Industry Center Website
Industry Center
(www.engineering.ucsb.edu/industry), launches 10/06

When industry and academia collaborate, the results are amazing.

Find out about our new Corporate Affiliates Program
A program that is customized to meet your needs in accessing students, research, and faculty.
Matthew Tirrell
Richard A. Auhll Professor of Engineering and Dean, College of Engineering

Center/Institutes
California Nanosystems Institute, UCSB Institute for Collaborative Biotechnologies

Degrees
Tirrell received his B.S. in Chemical Engineering from Northwestern University and his Ph.D. in Polymer Science from the University of Massachusetts.

Research Areas
Adhesion, amphiphilic molecules, bioadhesion, biomaterials, biomembranes, biomolecular materials, diffusion, interfacial properties, polymer fluids, rheology, transport properties.

Selected Publications
- Adhesion and Friction of Polystyrene Surfaces

Awards/Honors
- National Academy of Engineering

Biography
From 1977 to 1999 Tirrell was on the faculty of Chemical Engineering and Materials Science at the...
UCSB Researchers Discover New Biotechnology to Identify and Engineer Substrates for Proteases

Collaborate on a UC Discovery Grant.

Related Links
- TIA
- Office of Research

Access to Research, Facilities and Specialized Educational Programs
## Engineering Insights - Participants

### UC Santa Barbara Participants

- **27 Faculty** presentations representing Engineering and the Sciences
- **60+ Faculty** in attendance
- **90+ graduate** students & researchers
- **10+ Corporate liaisons** from Corporate Programs, Technology Industry Alliance, and Development
- Staff and business managers

### Industry Participants

- **170+ total** industry participants
- **125+ companies**
- **20+ venture capitalists** and investors
- Several other research and academic institutions
- Community business leaders

### Titles include:

- CTO/VP Engineering/VP Development
- Senior Director Research / Chief Engineer
- CEO / Founder / President / Managing Partner
- Chief Engineer / Principal Engineer
- University Relations
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