



Cornell Center For Materials Research Industrial Partnerships

Advance
Explore
Innovate

- World-class interdisciplinary R&D
- Cornell-wide (110 faculty members from 12 different departments)
- Dedicated to the science and engineering of advanced materials.

Support from



Foster
New Connections
with Industry
Support Business

R&D
Collaborations
**Industrial
Collaboration
Program**

Problem
Solving for
NYS Small Biz
**JumpStart
Program**

Analytical
Capabilities
**Shared
Facilities**

Networking
with
Cornell Experts
**CCMR Symposium
Facilities 101
Workshops**

CCMR & Industry Partnering for Success!

New Technologies

A global semiconductor corporation and a Cornell interdisciplinary team are developing the next generation of current controlled magnetic memory devices.

Process Optimization

An energy-focused startup collaborated with a Cornell expert to optimize a scalable gas-assisted electrospinning manufacturing process for nanofiber energy storage materials.

Prototype Development

A world-leading electronics company developed nanoscale fabrication techniques to manufacture nano-gas sensing devices with the help of a Cornell electrical engineer.

Workforce training

A worldwide manufacturer of amorphous metal alloys optimized its manufacturing process with the help of a Cornell faculty. The project enabled the company to train future employees on this new process.

“Cornell’s resources can be a critical factor for those that need world-class support to emerge as successful businesses”

“With the knowledge gained from this analysis, we were able to substantially improve not only the manufacturability of our catalysts but also their performance”

“The CCMR introduced us to the value of corporate/university collaboration. Based on the success of our project, we have continued our association with Cornell”

“The breadth and depth of knowledge at Cornell University is truly outstanding and they have played an important role in our success”

e-mail: industry@ccmr.cornell.edu

<http://www.ccmr.cornell.edu/industry>

Industrial Collaboration Program

A rapid, flexible and low-cost opportunity for industry to benefit from the expertise of world leaders in materials science

- Low 10% overhead
- Matching funds from the CCMR
- Short- to long-term projects
- Flexible funding: Partner (\$75,000), Associate (\$35,000), Affiliate (\$15,000), and fellow (\$5,000)

JumpStart Program For NYS Biz.

An opportunity for New York State small businesses to solve concrete problems related to materials

- A one-semester project utilizing university expertise
- Matching NYSTAR funding for participating companies

CCMR Shared Facilities

Industrial access to world-class materials analysis and processing equipment

Facilities 101 Workshop

A day-long program with tour of the labs covering the facilities' equipment, capabilities and pricing

CCMR Facilities Use

For expert consultations, training and direct use

- Fee-for-use for all users based on Cornell and national regulations

StartUp Facilities

Up to \$500 funding for companies NEW to the CCMR for their FIRST usage of CCMR facilities

Entrepreneurship@CCMR

Pre-seed Funding Workshops

An opportunity to develop the path from idea to market

SBIR/STTR Funding Agencies Workshops

An opportunity to explore funding sources

Business Plan Competitions

CCMR provides sponsorship, referrals and coaching

Networking and Matching

CCMR Symposium:

An one-day opportunity to meet materials science experts from Cornell and from industry

Meetings On- and Off-campus

To discuss one-to-one synergies and partnerships with Cornell experts

Information Sessions

To learn more about CCMR expertise and CCMR industrial partners' success stories

Referrals

Referrals to a large network of partners for match-making, management, funding and space

Industrial Collaboration Partners



Jumpstart Partners

