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”

“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”

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

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

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

- CORNING
- Samsung
- EASTMAN
- Honeywell
- HERCULES
- Pall Corporation
- KRAFT
- P&G
- Novomer
- PALL
- Oratel Diagnostics
- MOTOROLA
- Pall Corporation
- United Technologies
- MOTOROLA
- Pall Corporation
- United Technologies

---

### Jumpstart Partners

- CERION ENTERPRISES
- MEDINGEN
- Alred
- ZETROZ
- SoLux
- AirFlow Catalyst Systems
- OHM CRAFT
- CRISTA LYN CHEMICAL COMPANY
- American Aerogel
- OPTIMAX SYSTEMS, INC.
- Elia LifeTechnology
- Syracuse Castings
- SiMPore Inc.
- Taylor Concrete Products Inc.
- IM
- TS
- IEM
- Cat Assays
- mti micro