About the CCMR

The Cornell Center for Materials Research (CCMR) is an outstanding interdisciplinary research and education center with over 110 faculty members covering 12 different departments. The mission of the CCMR is to advance, explore and exploit the science and engineering of advanced materials. This mission is carried out through fundamental experimental and theoretical studies, K-12 educational outreach, and partnerships with industry. The Center’s core activities are primarily supported by the National Science Foundation Materials Science and Engineering Program (NSF MRSEC), with leveraging support from Cornell University, the U.S. Department of Energy and Education, critical industrial grants and gifts, and from user fees in CCMR facilities.

Mission

- To solve industry short- and long-term technical challenges
- To help industrial partners access innovative technologies and world-leading experts

Why use the CCMR?

We help...

- Overcome technical roadblocks
- Develop prototypes
- Develop innovative products
- Optimize manufacturing processes
- Develop QA/QC & SOP
- Validate technologies
- Explore new markets
- Develop new materials
- Characterize materials

We provide fast, easy, flexible, and low-cost access to

- more than 100 Experts
- more than 150 Instruments
- Interns
- Potential Employees

Expertise:

- Advanced Materials
- Biomaterials & Biomimetism
- Electronics & Photonics
- Energy & CO₂ capture
- Green Chemistry & CO₂ Utilization
- MEMS
- Nanotechnology
- Polymers
- Imaging, Structure & Characterization

Program Features

Technical Expertise: Industrial Collaboration Program (ICP)

Shared Instruments: Jumpstart Program (NY Small Business)

StartUp Facilities: Usage of CCMR Shared Facilities

Facilities 101: StartUp Facilities

CCMR Symposium: CCMR Symposium

Facilities: Facilities 101

Meetings on- and off-campus

Information Sessions

Referrals to NYS partners for funding, collaborations, management, and lab space

Training: Preseed Funding Workshops

SBIR and Funding Agencies Workshops

Business Plan Competitions

Foster New Connections with Industry & Support Business

e-mail: industry@ccmr.cornell.edu

http://www.ccmr.cornell.edu/industry
**Industrial Collaboration Program (ICP)**

- Rapid, Flexible, and Low-cost Entry to Experts
- Economical 5% overhead
- Short-term to long-term duration projects
- Flexible Funding: Partner ($60,000), Associate ($30,000), and Affiliate ($15,000), and Fellow ($5,000)

**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**
- Expert consultations, training, and use
- Competitive fees based on Cornell and national regulations for all instruments

**StartUp Facilities**
- Up to $500 for companies NEW to the CCMR for their FIRST usage of CCMR facilities

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**Network and Matching**

**CCMR Symposium**
A one-day opportunity to meet our 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 and Solutions Forums**
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, incubator, lab and office space

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**JumpStart Program For NYS Businesses**

An opportunity for New York State small businesses to solve concrete problems related to materials.
- A short term project utilizing university expertise
- Matching NYSTAR funding for participating companies

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**Funding and Strategic Planning For Startups**

**Pre-seed Funding Workshops**
An opportunity to develop the path from idea to market

**SBIR Funding Agencies Workshops**
An opportunity to explore sources of funding

**Business Plan Competitions**
CCMR provides sponsorship, referrals, and coaching

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http://www.ccmr.cornell.edu