

INDUSTRY AFFILIATES PROGRAM (IAP)

MNTL
micro+nanotechnology lab



ENGINEERING AT ILLINOIS

MNTL.ILLINOIS.EDU

THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN MICRO+ NANOTECHNOLOGY LAB (MNTL)

INDUSTRY AFFILIATES PROGRAM (IAP) FACILITATES TECHNICAL INTERACTIONS BETWEEN COMPANY RESEARCHERS AND UNIVERSITY OF ILLINOIS FACULTY AND STUDENTS.

One of the largest university facilities for conducting photonics, microelectronics, biotechnology, and nanotechnology research, the MICRO+NANOTECHNOLOGY LAB is the place where campus researchers and visiting scientists come to design, build, and test innovative nanoscale technologies with feature sizes that span the range of atoms to entire systems. A user facility, MNTL has 16 cleanrooms, 46 general purpose labs, and a large biosafety level-2 complex all under one roof.

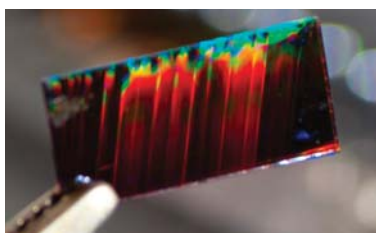
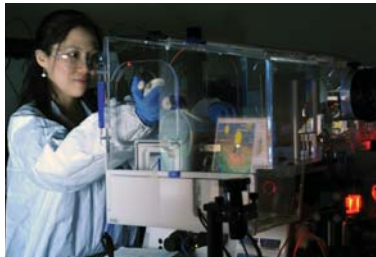
IAP PRIMARY GOALS

TO CONDUCT precompetitive research that offers a cost-effective approach for companies to develop insight into commercial applications for academic research, and a mechanism for faculty and students to connect with commercial research applications.

TO DEVELOP an MNTL graduate student industry-recruiting pipeline that connects uniquely qualified students to company internships and full-time employment opportunities.

TO BUILD MNTL-relevant Industry working groups that can serve on industry boards for large federally funded grants.

TO FACILITATE technology incubation and attract federal SBIR grants, economic development grants, and venture capital where appropriate.



FUNDAMNTL





IAP MEMBER BENEFITS

- + Shared sponsored precompetitive research with 15% university overhead.
- + A secure online portal that provides access to graduate students, archived webinars, and research project updates.
- + Federal grant proposal support.
- + Monthly technical webinars based on industry interests.
- + Annual MNTL Forum with technical working groups, lab tours, and interaction with students.
- + Online educational program developed in partnership with industry members.
- + Facilitated access to Illinois faculty, students, and MNTL staff.
- + Facilitated exchange of visitors.
- + Interaction with industry representatives from other member companies to discuss research topics such as: compound semiconductors, optoelectronics, optical interconnects, 5G technology, high speed circuits, novel electronic logic, biosensors for agriculture, water quality monitoring, bioenergy, and pharmaceutical process monitoring.

RATE STRUCTURE



MEMBER \$*

Covers IAP operational expenses

*Fee based on company size

1K	1-10 EMPLOYEES
5K	10-50 EMPLOYEES
10K	50-100 EMPLOYEES
15K	100+ EMPLOYEES



ASSOCIATE MEMBER \$70K

One seat on Industry Advisory Board

15% overhead rate on sponsored research



PRINCIPAL MEMBER \$130K

Two seats on Industry Advisory Board

15% overhead rate on sponsored research

CONTACT

Gregory Pluta
Industry Affiliates Program
Managing Director
MNTL

217 244 2132

MNTL.ILLINOIS.EDU

MNTL

micro+nanotechnology lab