

COMPANY ASSISTANCE

RESEARCH ROADMAP

Your guide to doing research and product development with Iowa State University and the Institute for Physical Research and Technology.

Contact IPRT*

Lynne Mumm
Phone: (515) 294-6339
Fax: (515) 294-9519
Email: lmumm@iastate.edu
Web: www.iprt.iastate.edu

1 Meet with IPRT

IPRT will arrange a meeting at your place of business or on campus, whichever works best.

2 Hold Technical Discussions

Lead researcher and company work on the technical details of the project.

3 Find a Research Team*

IPRT will assist you in finding a research team at Iowa State University.

4 Prepare Research Proposal

Lead researcher and company prepare a proposal that governs the project's:

- Scope of work
- Timeline / milestones
- Budget
- Reporting schedule
- Deliverables*

5 Identify Intellectual Property (IP)* and Publication Rights

- Is there any existing IP?
- Will any IP be developed in this research project?
- Does the company want to license the IP?
- Do the researchers want to publish project results?

6 Obtain Financial Assistance

Cooperative projects with Iowa companies may be eligible for cost-sharing funds* through IPRT or other research funding programs.

7 Prepare the Research Contract

IPRT will prepare a contract, incorporating the research proposal and governing the project in terms of:

- Intellectual property
- Project communication guidelines
- Each party's obligations

8 Get Results

At the conclusion of the project, the company will receive negotiated deliverables such as reports, presentations, test data, prototypes or processes.

- Develop new products and markets
- Leverage internal R&D* efforts
- Shorten product development cycles
- Improve existing manufacturing technologies and processes

9 Conduct R&D* Project

Research Terminology

These definitions aid in understanding cooperative research. See page 1 for a complete step-by-step guide.

Cost-sharing funds – A program for research projects conducted with Iowa companies. IPRT R&D cost-sharing funds can pay up to 50 percent of project costs.

Deliverables – Report, presentation, test data, prototype or process that a company receives at the end of a project.

Intellectual Property – Any new or unique innovation that may be protected by a patent or copyright.

IPRT – Institute for Physical Research and Technology.

R&D – Research and development.

Research Team – University faculty, staff, scientists and students who work together on a project.

IPRT
works
for Iowa



Your Technology Commercialization Partner

IPRT Company Assistance helps Iowa companies collaborate with ISU researchers to leverage R&D for projects in technical problem solving, product development and process improvement. IPRT helps companies meet product development needs by finding research collaborators, developing research programs and managing projects to completion. Contracts are negotiated to cover work plans, timelines, publication, intellectual property and budgets. The Institute for Physical Research and Technology is a network of scientific research centers at Iowa State University. Each year, IPRT helps about 200 firms — from one-person startups to Fortune 500 corporations — solve scientific and engineering problems. IPRT has also worked with more than 45 of the 95+ start-up companies that have formed from ISU technologies in the last 20 years.

For More Information

Lynne Mumm

Program Manager

(515) 294-6339

lmumm@iastate.edu

Brian Muff

Technology Commercialization Associate

(515) 294-0472

bmuff@iastate.edu

Julienne Krennrich, Ph.D.

Technology Commercialization Associate

(515) 294-5754

jmkrenn@iastate.edu

Institute for Physical Research and Technology
Company Assistance

Technology Commercialization Group

151 ASC II

Ames, IA 50011-3041

Toll free: (877) 251-6520

(515) 294-4896

www.iprt.iastate.edu/assistance/techcomm.html

iprtinfo@iastate.edu
