

- *Japan Industrial Technology Association (JITA)*  
JITA is a non-profit organization funded by and closely affiliated with MITI/AIST. It has long been the funnel by which AIST technology is transferred to the private sector in Japan, and of late has been concentrating on international transfer of Japanese intellectual property. JITA runs an intellectual property mission to North America every year with a view to showcasing available technologies.
- *New Energy and Industrial Development Organization (NEDO)*  
Also an AIST affiliate, NEDO manages the Sunshine and Moonlight Projects, among others (see "Key Support Programs"). It also takes on a significant role in non-energy technology development in Japan. NEDO will be a source of funds for private firms' R&D efforts and will also administer a number of the "large scale" projects. There is now a multi-million dollar "International Joint Research" grant program which reviews and selects appropriate projects internationally from the life sciences and advanced materials fields.
- *Human Frontier Science Program (HFSP)*  
FY 1990 funding will be approximately \$30 million. Canadian researchers, corporate or institutional, can avail themselves of HFSP funding following an application and peer review process (Medical Research Council of Canada is the Canadian contact).
- *STA & Ministry of Education Fellowship Programs*  
The two programs are funding hundreds of foreign researchers to work with their Japanese counterparts in Japanese labs. Over 250 positions are available in 1990, and Canada is eligible for over 20. The Natural Sciences and Engineering Research Council (NSERC) coordinates the program in Canada.
- *MITI/AIST International Research Programs*  
A number of programs are available to foreign entities in a number of sectors, many of which require a "membership fee" to participate.

#### *National Programs*

- *Exploratory Research for Advanced Technology Program (ERATO)*  
JRDC funds and manages ERATO which funds "leading edge" R&D in everything from solid state physics to biophotons. Projects are carried out in the existing labs of the partners. Last year's budget was \$40 million.
- *Frontier Research Program*  
Similar to ERATO, this program is managed by the STA's Institute for Physical and Chemical Research (RIKEN). It is directed towards life and material sciences.

#### **KEY SUPPORT PROGRAMS**

The main support programs include the following:

##### *Internationalization*

- *JRDC International Research Program*  
JRDC will select large scale bilateral R&D projects from proposals submitted to it by foreign countries. Cost sharing on a 50/50 basis is expected.