

Micro Nano Breakthrough Conference
July 28-29, 2004

Summary of Defense Focus Group Discussion

Possible Group activities:

- Work with NW organizations to build our Homeland Defense Business
- Investigate using Ft Belvoir as a mechanism for developing a relationship with DHS
- Advocate for a wider graduate student exchange based on UO model with at least a 6 month period for the graduate student assignment
- Joint advising between NW universities and PNNL
- The group can be an advocate for activities that develop PI to PI relationships
- Interact with Medical and energy groups
- Use the group as a way to keep an eye on emerging opportunities that may be relevant to the NW
- Develop a list of facilities, resources, staff and faculty , particularly nanofabrication facilities that are available in the NW to support research
- Proposal submission assistance
- Provide access to funders that NW organizations may not normally have (NSF foe PNNL)
- Facilitate teaming for proposals to DARPA and CRADA's. Teaming needs to include industry, labs and businesses.
- Facilitate staff and faculty exchanges and graduates student internships
- Find jobs for graduate students
- Get access to IMSL user facilities
- Organize workshops on Homeland defense research needs
- Find collaboration opportunities between NE universities and with PNNL

Possible Areas of Interest:

- Separations and preconcentration
- Sensors
- Multifunctional nano materials
- Water recovery

Possible NASA Proposals:

- In-situ production of radiological heat sources
- Living space environmental controls, miniaturization thereof

Next steps:

- Complete and route email addresses for group
- Establish an internet accessible list of faculty, staff and facilities that are available for collaboration
- Establish an internet-based mechanism for forming proposal teams.