

NSF and FRIB

an overview ...

- background and logistics
- support modes and mechanisms

background and logistics

- NSF-DOE understanding: one agency leads, other supports via PIs, instrumentation
 - DUSEL: NSF
 - FRIB: DOE
 - Joint Oversight Group (JOG) helps agency coordination

background and logistics

- site specific: NSCL in operation
 - near term: NSCL ops continue; new 5-year cooperative agreement would begin FY2012
 - long term: DOE operates FRIB; MSU faculty would be (large) group in NP investigator program
 - JOG will work out transition

support modes and mechanisms

- NP program
 - very small amounts available for instrumentation/equipment (total \$100K)
 - will build up if appropriations healthy over a few years
- Major Research Instrumentation (MRI)
 - mode of choice for NP
 - award amounts \$100K-\$4M
- Accelerator Physics & Physics Instrumentation (APPI)
 - ultimate mid-scale program
 - awaits funding to become real

support modes and mechanisms

Major Research Instrumentation (MRI): generic advice

- scope dependent (science is the driver):
 - < \$1M: competes across Physics Division
 - > \$1M: competes across MPS Directorate
- university-led; where possible, provides for student involvement
- coordinated with host laboratory (matched priorities)
 - short term: NSCL; augments NSF-supported science program as well as future FRIB
 - long term: FRIB; use JLAB, RHIC as models

Call and discuss before submitting proposal

NSF and FRIB

- coordination/communication is critical [NSF, DOE, FRIB (lab & users)]
- NSF has its own opportunities and constraints

Backup Slides