

# CFN User Program

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User Program Administrator  
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SIXTY YEARS  
OF DISCOVERY  
1947-2007

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**BROOKHAVEN**  
NATIONAL LABORATORY

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# CFN User Program

- Inaugurated September-December 2003
- Cycles (submission deadline)
  - January – April (September 30)
  - May – August (January 31)
  - September – December (May 31)
- Modes of Access
  - General User
  - Collaborative
  - Proprietary
- Synchronized with NSLS proposal cycle

# User Access Modes

- **General User**
  - Current major mode of access
  - Individuals or groups using CFN equipment and expertise
  - Access granted by peer-reviewed proposal
- **Collaborative User**
  - Carry out research at the CFN and enhance the capabilities or contribute to the operation of the Center
  - Example: NSLS - CFN LEEM-PEEM facility
- **Proprietary**
  - None currently

# Proposal Process

- Contact Facility Leader to discuss feasibility of experiment
- Submit a proposal
  - Request facility time in subsequent cycles against existing proposal
  - Proposals are valid for 2 years (6 cycles)
- Proposal Review Panel will rate/review new proposals
- Allocation Committee allocates facility time
- Scheduling between PI and Facility Leader

# Proposal Review Panel (PRP)

- Robert Bartynski (Rutgers)
- Siu-Wai Chan (Columbia)
- Jim Hone (Columbia)
- Amy Hsiao (Union College)
- Phil Kim (Columbia)
- Sara Majetich (Carnegie Mellon)
- Doug Medlin (Sandia)
- Robert Opila (Univ. of Delaware)
- Nan Yao (Princeton)

# Safety: Required for All Users

- Safety Approval Form
  - Required for every experiment and facility access
  - Must be submitted with proposal
  - Must list all experimenters on the proposal
  - Valid for 1 year
- Training
  - Equipment/facility specific
  - Most training courses available
- CFN Operations Safety Awareness (COSA) Training
  - Ensures User has received all pertinent facility- and equipment-specific training and safety information
  - Valid for 1 year

# User Responsibilities

- Register in the Guest Information System
- Complete Safety Approval Form
- Complete training before arrival at CFN
- Ensure that Pre-Competitive User Agreement has been signed by institution
- Complete end-of-experiment survey at the end of experiment
- Submit publications

# User Program: Statistics (09-31-07)

- No. of proposals submitted to date: 231
- Proposals accepted: 163
- Proposals under review: 29
- Proposal submitted from:
  - US academia: 163
  - DOE laboratories: 47
  - US industry: 3
  - Foreign academia: 10
  - Foreign other: 8
- No. of unique users: 154

# Facility – Proposal Breakdown

Facility Requested	Proposals Submitted	Proposals Accepted
Electron Microscopy	84	58
LEAF	2	1
Lucent	23	20
Materials Synthesis	20	14
Nanopatterning	38	29
NSLS	32	21
Proximal Probes	17	14
Soft/Bio Nanomaterials	6	0
Theory	7	4
Ultrafast Optical Sources	2	2
<b>TOTAL</b>	<b>231</b>	<b>139 (71%)</b>

# Number of Users/Facility

Facility	Number of Users
Electron Microscopy	62
LEAF	1
Lucent	14
Materials Synthesis	14
Nanopatterning	30
NSLS	16
Proximal Probes	14
Soft/Bio Nanomaterials	0
Theory	3
Ultrafast Optical Sources	0
<b>TOTAL</b>	<b>154</b>

# Questions?