CFN User Program

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User Program Administrator
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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

<table>
<thead>
<tr>
<th>Facility Requested</th>
<th>Proposals Submitted</th>
<th>Proposals Accepted</th>
</tr>
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<tbody>
<tr>
<td>Electron Microscopy</td>
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<td>58</td>
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<tr>
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<td>20</td>
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<tr>
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<td>14</td>
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<tr>
<td>Nanopatterning</td>
<td>38</td>
<td>29</td>
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<tr>
<td>NSLS</td>
<td>32</td>
<td>21</td>
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<tr>
<td>Proximal Probes</td>
<td>17</td>
<td>14</td>
</tr>
<tr>
<td>Soft/Bio Nanomaterials</td>
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<tr>
<td>Theory</td>
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<td>4</td>
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<tr>
<td>Ultrafast Optical Sources</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>231</strong></td>
<td><strong>139 (71%)</strong></td>
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## Number of Users/Facility

<table>
<thead>
<tr>
<th>Facility</th>
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<tr>
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