This COSA form must be completed for all experimenters working in the CFN and must be submitted to the CFN User Office for badge access.

**CFN Safety Awareness Policy:** Each user must be instructed in the safe procedures in CFN related activities. CFN Facility Laboratory personnel shall keep readily available all relevant instructions and safety literatures.

---

**Employee/Guest Name**

Wai-Lin Ng / x7153  
ES&H Coordinator/Ext.

**Life/Guest Number**

Kevin Yager  
Facility Manager

**Email Address**

COSA Trainer

☐ Staff  ☐ Guest  ☐ User

---

**USER ADMINISTRATION:**

☐ Checked in at User Administration and has valid BNL ID badge  
☐ Safety Approval Form (SAF) approved.  
☐ Training requirements completed (indicate additional training specified in SAF or ESR in lines provided below):

---

**Selected ESRs**

<table>
<thead>
<tr>
<th>JTA No.</th>
<th>Room Numbers</th>
<th>User Admin Only Training Complete</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ]</td>
<td>44, 45, 46</td>
<td>42, 43</td>
<td></td>
</tr>
</tbody>
</table>

- **CFN Safety Module for Users**
  - NC-ESH-USERS
- **Cyber Security Training**
  - GE-CYBERSEC
- **Laboratory Standard**
  - HP-IND-220
- **Hazardous Waste Generator**
  - HP-RCRIGEN3
- **Oxygen Deficiency Hazard**
  - TQ-ODH
- **Working in the CFN Clean Room**
  - NC-CLEANRM
- **Nanotechnology in the Workplace-Nano Workers**
  - TQ-NC-HS2
- **Compressed Gas Safety**
  - TQ-COMPGAS-1
- **Cryogenic Safety**
  - TQ-CRYOGEN
- **Electrical Safety for Benchtop Workers**
  - TQ-ELECT-BENCHTOP
- **Electrical Safety Program 2018 Update**
  - TQ-ELECSAFE18
- **Corrosive Etch Solutions**
  - TQ-CORETCH
- **HF Training for the Clean Room**
  - NC-HF-CLEAN ROOM
- **Hydrofluoric Acid: Personal Contamination**
  - TQ-HF-CONTAM

---

User Admin Signed: ___________________________  Date: ___________________________
FACILITY SAFETY:
☐ Clean room Tour: Escorted tour of clean room facilities
☐ Read and understood clean room orientation/protocols
☐ Gowning procedure: demonstrate proper clean room dress
☐ Watched video
☐ Personal protection equipment: location of all the necessary PPE; requirements posted on lab doors
☐ Card Entry: Use of card to enter clean room, proper room entry (no piggybacking) – no entry to service chase by users
☐ After Hours Policy: Normal working hours is 8-6, Mon. to Fri. Users and guest do not receive after-hours or weekend access to the building without authorization of Facility Leader and Operations Manager
☐ Hazard Placard. Review hazards and instructions.

EMERGENCY PROCEDURES:
☐ Site Alarms:
  ☐ Continuous Siren – Go to indoor main assembly area (1st floor, middle corridor)
  ☐ Intermittent Siren – Evacuate site immediately (apartment residents proceed indoors, close windows and doors, await further instruction from the Laboratory emergency forces or housing personnel)
☐ Test of Site Alarm – every Monday at noon.
☐ Building Alarms: LEAVE IMMEDIATELY; DO NOT DEGOWN.
  ☐ Fire alarms: Evacuate by nearest exit and meet at semi-circle recharge basin on the west side of the parking lot.
  ☐ In the event of a highly toxic gas release at the CFN, 3-tone alarm will be generated by the building Emergency notification system, followed by a verbal message to evacuate out of the North exits only (front building). All must gather at the Outdoor Assembly Area near the West parking lot (curve stone wall).
☐ Fume hood alarm: Do not use hood if beeping; contact Safety personnel.
☐ Loss of Exhaust: Yellow strobe with audible Alarms: secure equipment, remove gown, exit the lab.
☐ Nearest exits, route identification and walkdown
☐ Spill Containment
☐ Fire Extinguisher & Fire Alarm Pull Station locations
☐ Location of nearest telephone

LAB AND EXPERIMENTAL SAFETY:
☐ ESR read and reviewed ☐ 7 ☐ 8
☐ Demonstrate electronic waste log
☐ Only qualified for basic solvent use; anything else requires additional training.
☐ Chemical use, labeling, and storage
☐ No acid use or corrosive etching solutions (HF, piranha, et al.) without additional training/authorization
☐ Satellite Accumulation Area (Hazardous Waste SAA)
☐ Electrical: No work on exposed parts above 50V without Electrical Safety 1 Training and Dept. ES&H approval
☐ Good Housekeeping: Return samples/chemicals to home institution
☐ Further training: All equipment use is subject to additional training from authorized CFN Staff. ESR, SAF and COSA do not represent authorization for use of any equipment.

I understand the procedures, operations and safety instructions given to me for this facility and that I must promptly report equipment failures, spills, or off-normal event. I am aware that a willful violation of these procedures and requirements may result in the loss of my access to the facility.

Employee/Guest Signature: ___________________________ Date: ______________
Trainer Signature: ___________________________ Date: ______________

DESIGNATED COSA TRAINERS: ☐ F. Camino ☐ M. Lu ☐ A. Stein ☐ G. Wright