Quick Reference Guide: Selecting PPE for Researchers in NSIS

1) Log in as Principal Investigator or Safety Designate. Select the lab. **NOTE:** For this process, you must use Firefox or Internet Explorer. Chrome and Safari are not compatible.

![NSIS Image](image1)

2) From your "To Do" list or from the "Safety Forms" tab, click the pad-and-pencil icon next to “Personal Protective Equipment (PPE).”

![NSIS Image](image2)
3) Read through the text. Then check “Yes” at bottom if you can be considered a lab worker for training and compliance purposes. (If “No,” you can still complete the module for your lab workers.)

4) In the left hand column, check off all applicable hazards; in the right-hand column, check off any and all corresponding PPE. You may wish wish to use the “Clear and load hazard info from your NSIS profile” button to facilitate the process. If desired, enter comments in the comment box at bottom. Then click on “Next Screen.”
<table>
<thead>
<tr>
<th>Eye Hazards</th>
<th>Required PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tasks may include working with acids and chemicals, chipping, grinding, sanding, welding, furnace operations, metal and wood working.</td>
<td></td>
</tr>
</tbody>
</table>

- Hazardous chemicals
- Dust/Flying debris
- Infectious agents and animals
- Lasers (Class 3b and 4)
- Optical radiation
- Splash goggles
- Face shields
- Safety glasses with side shields
- Properly shaded eyewear
- Goggles

<table>
<thead>
<tr>
<th>Hand Hazards</th>
<th>Required PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tasks may include: cutting materials, working with chemicals, handling hot or cold objects.</td>
<td></td>
</tr>
</tbody>
</table>

- Hazardous chemicals
- Heat/Cold/Cryogenics
- Infectious agents
- Burns/Electric shock
- Radioactive materials
- Special chemical resistant gloves (i.e. silver shield)
- Vinyl/nitrile-latex gloves
- Work gloves
- Temperature resistant gloves
- Bitc and cut resistant gloves
- Insulating gloves

<table>
<thead>
<tr>
<th>Body/Torso Hazards</th>
<th>Required PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tasks may include: exposure to chemicals or other hazardous materials, cutting, grinding, sanding.</td>
<td></td>
</tr>
</tbody>
</table>

- Hazardous chemicals, infectious agents and animals
- Heat/Cold
- Burns/Electric shock
- Radioactive materials
- Lab coat
- Chemical resistant suit
- Flame resistant suit
- Full body suit

<table>
<thead>
<tr>
<th>Foot Hazards</th>
<th>Required PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tasks may include: exposure to chemicals, welding or cutting, compression and material handling.</td>
<td></td>
</tr>
</tbody>
</table>

- Hazardous chemicals
- Compression/Puncture
- Heat/Cold
- Slippery surface
- Radioactive materials
- Closed-toe shoes
- Slip resistant work shoes
- Impervious shoe covers
- Rubber boots
- Steel-toed shoes/boots

<table>
<thead>
<tr>
<th>Head Hazards</th>
<th>Required PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tasks may include: working below other workers who are using tools or materials that could fall, working on energized electrical equipment, under machinery or processes, or with chemicals.</td>
<td></td>
</tr>
</tbody>
</table>

- Impact
- Electric shock
- Hard hat

<table>
<thead>
<tr>
<th>Hearing Hazards</th>
<th>Required PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tasks may include: machining, grinding, sanding or using other noise producing equipment.</td>
<td></td>
</tr>
</tbody>
</table>

- Irritant noise
- Ear muffs
- Ear plugs

<table>
<thead>
<tr>
<th>Respiratory Hazards</th>
<th>Required PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tasks may include: exposure to chemicals, gases, particulates, or allergens outside of a fume hood. Unclick the hazard if no respiratory is required.</td>
<td></td>
</tr>
</tbody>
</table>

- Chemical exposure
- Airborne Infectious particulates
- Hazardous particulates, dust
- Dust mask (comfort use only)
- Power Air Purifying Respirator (PAPR)
- N95 respirator
- Half face cartridge respirator
- Full face cartridge respirator
- Self Contained Breathing Apparatus (SCBA)

Optional PI comments regarding hazards or PPE requirements

2000 characters remaining out of the max limit of 2000 characters.
5) To adjust PPE requirements for a specific lab worker, click on the notepad-and-pencil icon next to that person's name. (If you do not need to do this, you can click "Next Screen.")

6) Follow the instructions in step 4 to edit this lab worker’s profile. If the worker does not need PPE, you may check the “PPE not required” box at the bottom of the page. You will then be prompted to justify this action in the comments field. When finished, click on “Next Screen.” Click on "Next Screen" again to return to the lab workers' PPE list.
7) If you have finished updating PPE for yourself and your lab workers, click "Next Screen." Read through the text, and check “Yes.” Then click on “Next Screen.”

8) Click “Next Screen” once more to complete the process.

Additional “quick guides” for commonly performed NSIS tasks can be found at [http://www.research.northwestern.edu/ors/nsis](http://www.research.northwestern.edu/ors/nsis).