### NIU PPE Hazard Assessment Form

**Principle Investigator:** Douglas Klumpp  
**Department:** Chemistry  
**Building:** La Tourette  
**Room Number:** 333

**Date:** 9/18/15

**Where will you work?**
- Research Laboratory Environment
- Administrative/Academic Environment
- Support Services
- Physical / Heating Plant
- Clinical Environment
- Other

**The job description for a class of employees**

**Job title:** Researchers

**Number of Positions:**

**EYE HAZARDS** may include the following: working with chemicals, chipping, sanding, grinding, welding, metal and wood working, radioactive materials, biological materials, laboratory work/research.

<table>
<thead>
<tr>
<th>Check the box for each hazard:</th>
<th>Description of hazard(s):</th>
<th>Controls in place:</th>
<th>Identify required PPE. None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological</td>
<td>Yes □</td>
<td>☑ Work in fume hoods</td>
<td>☑ Safety glasses</td>
</tr>
<tr>
<td>Chemical Exposure</td>
<td>Yes ☑</td>
<td>☑ Enclosure/guarding</td>
<td>☑ Safety goggles</td>
</tr>
<tr>
<td>Dust or Flying Debris</td>
<td>Yes ☑</td>
<td>☑ Shielding (bystanders)</td>
<td>☑ Face shield</td>
</tr>
<tr>
<td>Impact</td>
<td>Yes □</td>
<td>☑ Safe Work Practices</td>
<td>☑ Welding helmet</td>
</tr>
<tr>
<td>UV Light</td>
<td>Yes ☑</td>
<td>☑ Dust collection system</td>
<td>☑ Cutting goggles</td>
</tr>
<tr>
<td>Radiation</td>
<td>Yes □</td>
<td>☑ Other: Lab coat</td>
<td>☑ Other: Lab coat</td>
</tr>
</tbody>
</table>

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# NIU PPE Hazard Assessment Form

**FOOT HAZARDS** may include the following: exposure to chemicals, welding, cutting, materials handling, demolition, renovation, construction, electrical work.

<table>
<thead>
<tr>
<th>Check the box for each hazard:</th>
<th>Description of hazard(s):</th>
<th>Controls in place:</th>
<th>Identify required PPE. None □</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Exposure</td>
<td>□</td>
<td>□ Substitution</td>
<td>□ Work boots</td>
</tr>
<tr>
<td>High Heat/Cold</td>
<td>□</td>
<td>□ Mechanical device used</td>
<td>□ Steel-toed shoes/boots</td>
</tr>
<tr>
<td>Impact/Compression</td>
<td>□</td>
<td>□ Housekeeping</td>
<td>□ Slip-resistant shoes</td>
</tr>
<tr>
<td>Puncture</td>
<td>□</td>
<td>□ Isolation/grounding</td>
<td>□ Puncture-resistant shoes</td>
</tr>
<tr>
<td>Explosive/Flam. atmos.</td>
<td>□</td>
<td>□ Safe Work Practices</td>
<td>□ Non-conductive</td>
</tr>
<tr>
<td>Slippery/Wet Surfaces</td>
<td>□</td>
<td>□ Appropriate clothing</td>
<td>□ Metatarsal protection</td>
</tr>
<tr>
<td>Electrical</td>
<td>□</td>
<td>□ Other:</td>
<td>□ Shin guards</td>
</tr>
<tr>
<td>Other:</td>
<td>□</td>
<td>□ Other:</td>
<td>□ Other:</td>
</tr>
</tbody>
</table>

**HEAD HAZARDS** may include the following: working below other employees who are using tools or materials that could fall; working on energized equipment and working in confined spaces, construction sites.

<table>
<thead>
<tr>
<th>Check the box for each hazard:</th>
<th>Description of hazard(s):</th>
<th>Controls in place:</th>
<th>Identify required PPE. None □</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact</td>
<td>□</td>
<td>□ Canopy</td>
<td>□ Class G hard hat</td>
</tr>
<tr>
<td>Electrical Shock</td>
<td>□</td>
<td>□ De-energize</td>
<td>□ Class E hard hat</td>
</tr>
<tr>
<td>Entanglement</td>
<td>□</td>
<td>□ Hair secured</td>
<td>□ Class C hard hat</td>
</tr>
<tr>
<td>Other:</td>
<td>□</td>
<td>□ Other:</td>
<td>□ Bump cap/welding cap</td>
</tr>
</tbody>
</table>

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# NIU PPE Hazard Assessment Form

**HAND HAZARDS** may include the following: work with chemicals, abrasion/cut hazards during demolition and renovation, woodworking, hot or cold objects/materials, medical facilities, lab research, animal areas, radioactive and biological materials.

<table>
<thead>
<tr>
<th>Check the box for each hazard:</th>
<th>Description of hazard(s):</th>
<th>Controls in place:</th>
<th>Identify required PPE: None □</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Exposure</td>
<td>Yes □</td>
<td>□ Substitution</td>
<td>□ Chemical-resistant gloves</td>
</tr>
<tr>
<td>High Heat or Cold</td>
<td>Yes □</td>
<td>□ De-energize</td>
<td>□ Thermal-protective gloves</td>
</tr>
<tr>
<td>Cuts or Abrasion</td>
<td>Yes □</td>
<td>□ Elimination</td>
<td>□ Cut-resistant gloves</td>
</tr>
<tr>
<td>Puncture</td>
<td>Yes □</td>
<td>□ Avoidance</td>
<td>□ Leather gloves</td>
</tr>
<tr>
<td>Electrical Shock</td>
<td>Yes □</td>
<td>□ Other:</td>
<td>□ Voltage-rated-Class:</td>
</tr>
<tr>
<td>Radiation</td>
<td>Yes □</td>
<td>□ Other:</td>
<td>□ Latex/nylon exam gloves</td>
</tr>
<tr>
<td>Vibration/grip</td>
<td>Yes □</td>
<td>□ Other:</td>
<td>□ Anti-vibration gloves</td>
</tr>
<tr>
<td>Biological</td>
<td>Yes □</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**BODY/TORSO HAZARDS** may include the following: chemical/hazardous material exposure, abrasive blasting, welding, cutting, brazing, chipping, sanding, grinding, high heat/cold, radiological or biological work.

<table>
<thead>
<tr>
<th>Check the box for each hazard:</th>
<th>Description of hazard(s):</th>
<th>Controls in place:</th>
<th>Identify required PPE: None □</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Exposure</td>
<td>Yes □</td>
<td>□ Reduce time exposed</td>
<td>□ Lab coat</td>
</tr>
<tr>
<td>Extreme Heat/Cold</td>
<td>Yes □</td>
<td>□ Guards/barriers</td>
<td>□ Apron:</td>
</tr>
<tr>
<td>Radiation</td>
<td>Yes □</td>
<td>□ Substitution</td>
<td>□ Flame-retardant</td>
</tr>
<tr>
<td>Impact</td>
<td>Yes □</td>
<td>□ De-energize</td>
<td>□ Coveralls</td>
</tr>
<tr>
<td>Cut/Abrasion/Puncture</td>
<td>Yes □</td>
<td>□ Mechanical devices</td>
<td>□ Vest</td>
</tr>
<tr>
<td>Electrical Arc</td>
<td>Yes □</td>
<td>□ Other:</td>
<td>□ Tyvek suit</td>
</tr>
<tr>
<td>Pushing/pulling/lifting</td>
<td>Yes □</td>
<td>□ Other:</td>
<td>□ Other:</td>
</tr>
</tbody>
</table>

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## FALL HAZARDS
Work on a surface with an unprotected side or edge that is 4 feet or more above a lower level

<table>
<thead>
<tr>
<th>Check the box for each hazard:</th>
<th>Description of hazard(s):</th>
<th>Controls in place:</th>
<th>Identify required PPE: None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall hazard</td>
<td></td>
<td>☐ Guardrail</td>
<td>☐ Full-body harness</td>
</tr>
<tr>
<td></td>
<td></td>
<td>☐ Safe ladder practices</td>
<td></td>
</tr>
</tbody>
</table>

## NOISE HAZARDS
(Exposed to sound levels over 85 dBA) may include the following: grinding, sanding, using pneumatic equipment, jackhammers, working in mechanical rooms or air handling units.

<table>
<thead>
<tr>
<th>Check the box for each hazard:</th>
<th>Description of hazard(s):</th>
<th>Controls in place:</th>
<th>Based upon EHS evaluation, the following PPE is required: None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noise hazard</td>
<td></td>
<td>☐ Noise reduction</td>
<td>☐ Ear plugs</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td>☐ Reduced exposure</td>
<td>☐ Ear muffs</td>
</tr>
</tbody>
</table>

## RESPIRATORY HAZARDS
may include the following: using certain chemicals outside a fume hood, applying paints/chemicals in confined spaces, welding certain metals, disturbing asbestos, mold or infectious agents. **ADDITIONAL TRAINING REQUIRED THROUGH EH&S.**

<table>
<thead>
<tr>
<th>Check the box for each hazard:</th>
<th>Description of hazard(s):</th>
<th>Controls in place:</th>
<th>Based upon EHS evaluation, the following PPE is required: None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological</td>
<td></td>
<td>☐ Fume hood</td>
<td>☐ Half-face</td>
</tr>
<tr>
<td>Chemicals</td>
<td>Solvent evaporation and silica gel exposure</td>
<td>☐ Local exhaust ventilation</td>
<td>☐ Full-face</td>
</tr>
<tr>
<td>Particulates</td>
<td></td>
<td>☐ Increase air flow</td>
<td>☐ SCBA</td>
</tr>
<tr>
<td>Confined space work</td>
<td></td>
<td>☐ Biosafety Hood</td>
<td>☐ PAPR</td>
</tr>
<tr>
<td>Welding/cutting fumes</td>
<td></td>
<td>☐ Work outside</td>
<td>☐ Dust mask</td>
</tr>
</tbody>
</table>

I certify that the above inspection was performed to the best of my knowledge and ability, based on the hazards present on this date.

**Supervisor’s Signature** ________________________________

**Auditors Signature** ________________________________

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