Chris Hughes is excited to join the Northeastern University Office of Environmental Health and Safety as the Assistant Director - Occupational Safety Program. Having been in the EH&S field for over 10 years, Chris will be leveraging experience in a wide range of industries to help enhance these programs at NU. His specialties include industrial hygiene, indoor air quality, ergonomics, training, and facilities safety support. Chris lives in Norton, Massachusetts with his wife Colleen and 3-year old son Sullivan.

Aaron Goodman is a third year student on his first co-op with Environmental Health and Safety. In this co-op, Aaron assists with lab safety inspections, helps with reviews of chemical inventories and provides support for the EH&S software system, including training records. Additionally, he assists with the review and reports to state agencies for the various wastewater pretreatment systems on campus. Aaron is majoring in Chemistry and Environmental Geology, and hopes to go to graduate school after Northeastern. Outside of co-op, Aaron is on the varsity rowing team, and enjoys cycling and the outdoors.

Jordan is a fourth year Biology student currently on his first co-op, working in the Biosafety Program at the Office of Environmental Health and Safety. While working here at EH&S, Jordan helps with biosafety lab audits, updating training modules, conducting autoclave trainings, and attending and participating in monthly Institutional Biosafety Committee meetings. Jordan likes to spend his leisure time relaxing at home and watching TV or going out with friends. He plans to graduate in May 2018 with a B.S. in Biology.
FALL LABORATORY SAFETY NEWSLETTER

Handling, Transporting, and Storage Compressed Gas:

Compressed gas cylinders are safe if handled properly. If handled improperly, the same cylinders can present a severe physical and a potential chemical hazard to you and the nearby area.

- The Boston Fire Department (BFD) and OSHA requires that cylinders be properly secured at all times even if they are empty.
- Store cylinders upright and secure them tightly with a chain or strap to a stationary building support above the center of gravity of the cylinder to prevent cylinders from tipping or falling.
- If you keep multiple cylinders together, a rack system is preferred as it will secure them better and is an improvement over a single chain.
- Compressed gas cylinders, empty or full, must never be stored or left temporarily in hallways or stairways.
- Cylinders must always be transported on wheeled cylinder carts with retaining straps or chains.

Please contact EH&S at x2769 or ehs@northeastern.edu if you have any questions.

Piranha Solution Safety:

Piranha solutions are highly reactive and corrosive and are used to remove organic residues from substrates such as wafers in clean rooms. Recent incidents involving the use and disposal of piranha solutions indicate a heightened potential for serious injury to campus researchers, EH&S staff and our hazardous waste disposal vendor. Please follow these guidelines to insure proper management:

- Consult with your PI/laboratory supervisor prior to initial use of piranha solutions.
- Conduct all work involving piranha solution inside a chemical fume hood to prevent inhalation exposures. Label fume hoods with signage such as “Caution: Piranha solution in fume hood, highly reactive and corrosive.”
- Wear proper laboratory attire (lab coat, long pants, and closed-toe shoes), neoprene or rubber gloves, neoprene apron, safety goggles, and a face shield.
- After use, cool down the solution in an open container inside a chemical fume hood that is clearly labeled with a piranha solution warning. Solution must be cooled down to room temperature prior to storage in a laboratory hazardous waste satellite accumulation area.
- Do not store piranha waste in an airtight container. Hydrogen peroxide will naturally decompose into oxygen and water, and the oxygen produced can over-pressurize the container. Special vented caps must be used for all piranha solution wastes and are available from EH&S.

Please use our online hazardous waste disposal request form to obtain vented caps.