

Grand Champion – Dela Cerna Lab – Armstrong Campus – Grace Bennett

Day 1 - Strong acid, strong boundaries! Hydrochloric acid on its best behavior in the acid cabinet: upright, in a secondary container, and clearly labelled. What a day for this corrosive being. (Very Important Poison)



Day 2 - Secondary containers should speak for themselves! Acetone in a fume hood for NMR tube cleaning: clearly labeled with lab ownership and hazards and stored in the correct safety wash bottle. Also seen in the photo are its friends: a 5-position NMR tube cleaner, glass disposal box in case one breaks during cleaning, and a rack holding clean NMR tubes ready to be taken for data collection! (Tag Tuesday)



Day 3 - No more than 10 seconds to get to the safety equipment in our lab. In a clean, clear, and accessible location are the safety shower, eyewash station, and fire extinguisher. Our equipment stays up to date on inspections and safety information for bigger emergencies is always available on the door. In this lab, we are prepared for anything that comes our way! (10 second dash)



Day 4 - The beauty of mise en place in a lab! A clean and organized bench is the first step to achieving research excellence and the path to novel discoveries. All cabinets are labelled and the benchtop is always kept clean and clear. This not only ensures that the scientist can easily find what she needs for her experiments but also minimizes safety concerns. (Mise en Place - Housekeeping)



Day 5 - Suited, booted, AND checking the fine print. Proper lab attire is worn, and chemical expiration dates are tracked! From goggles and gloves to lab coats and closed-toed shoes, our scientists are always dressed properly for the lab. Chemical inventory is regularly checked, and everything is always dated (you can trust Oscar on this, he checked twice!) to ensure safety and efficacy stay a top priority. Safety is always worn and documented in this lab. (Suited and Booted)

