Date: September 24, 2019
To: Chemical Hygiene Committee
From: J. Marvin Pratt, Director of Environmental Health and Safety
Subject: Chemical Hygiene Committee

Present: Dan Clark, Jonathan Day, Randy Miller, Chuck Sellers, Holly Swan, Betsey Tamietti, Kenny Wahl, Blain Wells

The Chemical Hygiene Committee meeting commenced at 8:30 a.m. in Park II, Room 119.

Approval of Minutes – April 30, 2019

The minutes of April 30, 2019, were electronically approved as submitted.

RSS Implementation Schedule

Mr. Pratt distributed to the Committee members a proposed RSS implementation timeline for assessment, chemicals, and inspection. Mr. Pratt advised there needs to be an assessment for each physical laboratory space; must be descriptive; if the room is used for more than one class all information is to be entered; and chemicals used in various rooms. He noted he would like for EHS to meet to identify all lab spaces in Biology and Chemistry, Arts, and Agriculture.

Mr. Pratt advised the Health and Safety Audit has been received and there are 11 areas that need to be addressed by the Administration: Employee and student training; Safety Equipment Maintenance and Inspection; Hazard Communication; Health and Safety Inspections; Laser Safety Program; and Radiation Caution Signage.

- Develop a monitoring process to ensure regular maintenance and inspections on safety equipment; ensure excess supplies are not stored in fume hoods.
- Develop a process that all HazMat is labeled as required.
- Develop a monitoring process that departments perform annual inventory and submit to EHS as required.
- Develop a monitoring process that departments conduct their own inspections as required by campus policy; and EHS needs to develop a schedule to complete inspections of areas required by campus policy.
- To develop an effective process that students receive training and training records are appropriately maintained.
- Verify that all students working in laboratory settings are provided with required training.
Discussion on Procedures for Employee/Student Employee Injuries and Dithiane Compound

Mr. Wells reported a student assistant in the Organic Chemistry Stockroom was disposing of vials of a chemical compound. The student was wearing goggles, lab coat, and gloves. At some point the student adjusted his personal glasses, leaning out of the fume hood, bringing a vial with him, and continued to work without noticing any smells. Later in the day, the student began to smell the dithiane compound resulting in feeling faint and dizzy. The student noticed a smudge on his glasses, possibly a small amount of the dithiane compound. Mr. Wells asked if there are procedures for employee and student injuries.

In a serious illness/injury the employee/student should be transported to Enloe Medical Center.

In a minor illness/injury the employee/student should obtain medical care at Chico Immediate Care Medical Center.

The incident should be reported to Employee Leaves and Workers’ Compensation. The supervisor will need to complete a Work-Related Injury and Illness Incident Report (OSHA 301).

Mr. Pratt advised the University had a contract with Merit Medi-Trans, however, they are no longer in business.

Peroxide Forming Chemicals

Mr. Wahl advised he located multiple, mismanaged bottles of peroxide forming chemicals that were as old as 10 years and 5 years, no date on the bottles, and mislabeled.

Mr. Wahl stated the bottles need to be relabeled with the name, date opened, and date closed.

Fume Hood Velocities for Cal/OSHA Regulated Carcinogens

Ms. Swan advised there are 13 regulated carcinogens that when processed, repackaged, released, stored, or handled, require a fume hood to draw air inward at an average linear face velocity of 150 feet per minute with a minimum of 125 feet per minute.

Mr. Miller asked is it possible for RSS to tag a regulated carcinogen when OSHA adds a carcinogen to the list.
Annual Review and Update of the Chemical Hygiene Plan

Ms. Swan stated the Chemical Hygiene Plan has been updated with the following:

- Added Section 2.2 Chemical Hygiene Officer (CHO); Section 2.3 Deans and Department Chairs; Section 3.2 Donations of Chemicals; Section 4.0 Determination of Control Measures; and Appendix A – E.
- Updated Section 5.8 Working with Particularly Hazardous Substances; and Section 9.0 Recordkeeping.
- Removed Section 5.1 Medical Emergency Procedures; List of Absorbent Materials and Uses; and CDC and USDA Select Agents and Toxins.

There being no further business, the meeting adjourned at 9:30 a.m.