STP- LA ASSOCIATE FELLOWS UPDATES

- Gracia María Romero
  Faculty of Chemical Sciences and Pharmacy
  Nacional Autonomous University of Honduras.

- Natiela Beatriz de Oliveira
  Department of Environmental Health, Worker and Public Health Emergencies Surveillance - DSASTE
  Ministry of Health, Brasil.
Faculty of Chemical Sciences and Pharmacy
National Autonomous University of Honduras

Project of application in Chemical Safety

Presented by: Gracia María Romero M.Sc.
Professor of Inorganic Chemistry
gracia.romero@unah.edu.hn
Background

In August 2008 the building of the Faculty of Chemistry and Pharmacy burned down. This was due to an explosion in the storage of chemical substances.

Since this incident the faculty had to move to a new building.
This new building was not designed for a faculty of chemistry, so it had to start from zero.

- No laboratories
- No equipment
- Few classrooms
Activities approved through participation in the STP-LA2

1. Workshops on chemical safety for laboratory assistants.
2. Creation of document for notification in case of incidents or accidents.
3. Manage the installation of extraction systems in laboratories.
5. Creation of procedure in case of evacuation.
1. Workshops on chemical safety for laboratory assistants.

The first workshop was held on June 7, 15 laboratory assistants participated who taught laboratory practices in the faculty. These workshops are scheduled to take place at the beginning of each academic period.
The main objective of this workshop is to improve and update knowledge about chemical safety.
2. Accidents and Incidents Registration Document

1. It works as a registration document

2. Allows to identify the most common incidents or accidents

3. Allows to identify what deficiencies are in the laboratory
3. Management for installation of extraction systems

These extraction systems were acquired approximately 3 years ago.

Due to lack of management for their installation they are disabled.

Thanks to the approval of activities in chemical safety, a budget was obtained to achieve the installation of 13 extraction systems in laboratories.
Until now an extraction system has been installed as proof of its operation.

It is estimated that by the end of this year the 13 extraction systems will be installed.
Activities have been carried out with the firefighters, who have supported us in the chemical safety area.
Future Activities

- Creation of the chemical safety manual
- Reorganization of the storage of chemical substances
- Building evacuation procedure
STP-LA2 EXPERIENCE

It was a training program that expanded my knowledge, a motivation to carry out projects in our countries with the necessary tools.

I could also meet and share with excellent people and professionals that with their experiences also gave me some knowledge and that pushes me to improve.

This training taught me especially that the right people in the right places can do amazing things, we just need to trust that we are capable of doing it.