University Safety and Security Meeting

March 2, 2017

Agenda

• Introductions	All
• EHS 2017 Goals	Mary Beth Koza
• 2016 Workers' Compensation	Mary Crabtree
• Updated OSHA Regulations	Mary Crabtree
• Campus safety/security initiatives	Jeff McCracken & Derek Kemp

EHS 2017 Goals

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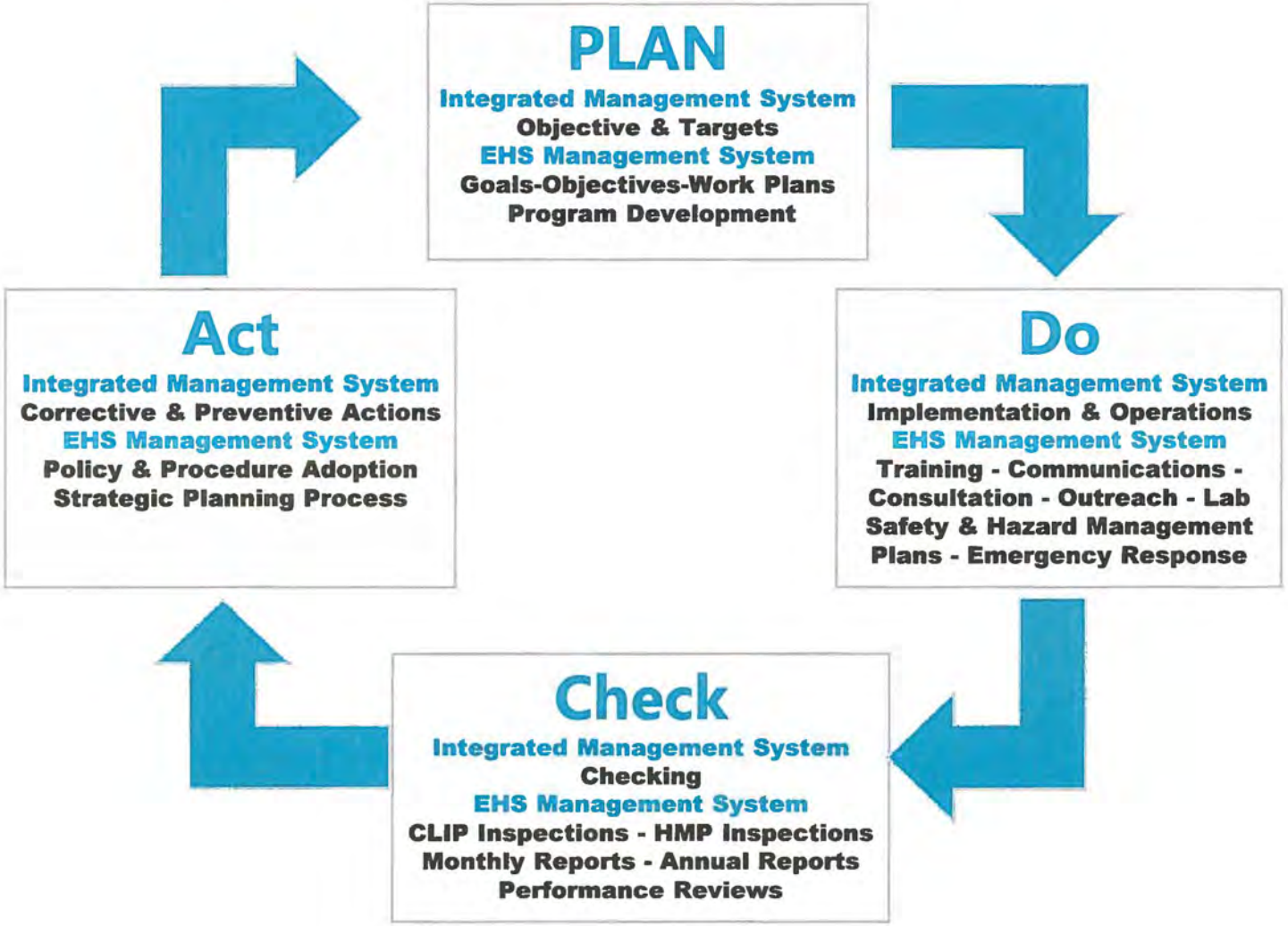
UNC-CH EHS Management System



EHS 2016 Goals Status

	Completed	Continued into 2017	Stopped
Intrapreneurship	2	5	2
Education	3	1	1
Compliance	5	6	1
Growth	2.34	1.66	1

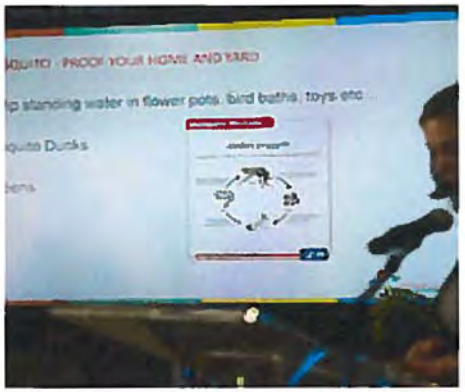
Communication + Collaboration +Customer Service = The Path to Compliance

EHS 2017 Goals

2017	New	Continued into 2017
Intrapreneurship	2	5
Education	3	
Compliance	8	6
Growth	1	2

Communication + Collaboration +Customer Service = The Path to Compliance

Zika Awareness
June 30, 2016



2016 Workers' Compensation

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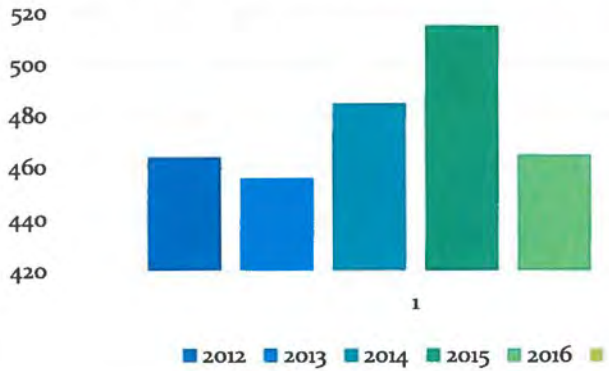
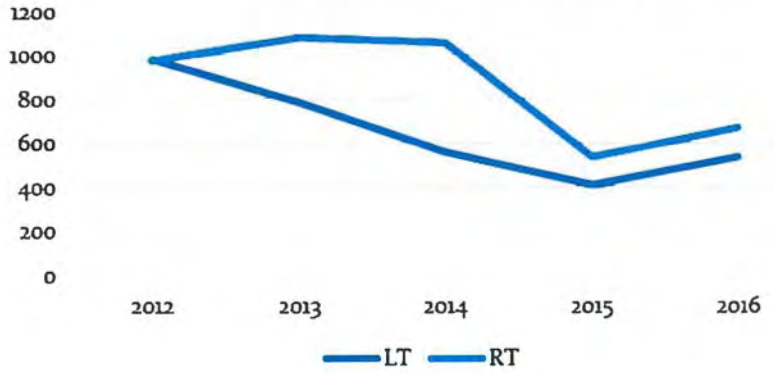
Workers' Compensation

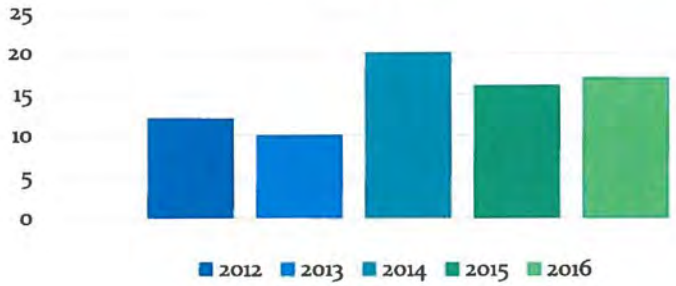
Near Misses, Injuries, Illnesses



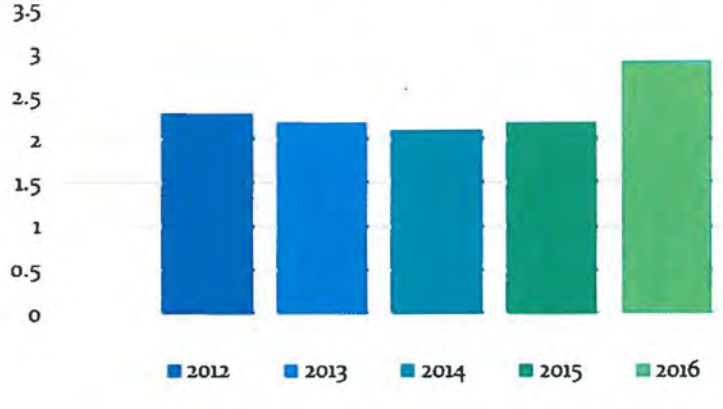
OSHA Lost & Restrictive Days



Serious Cases (6 or more LT Days)

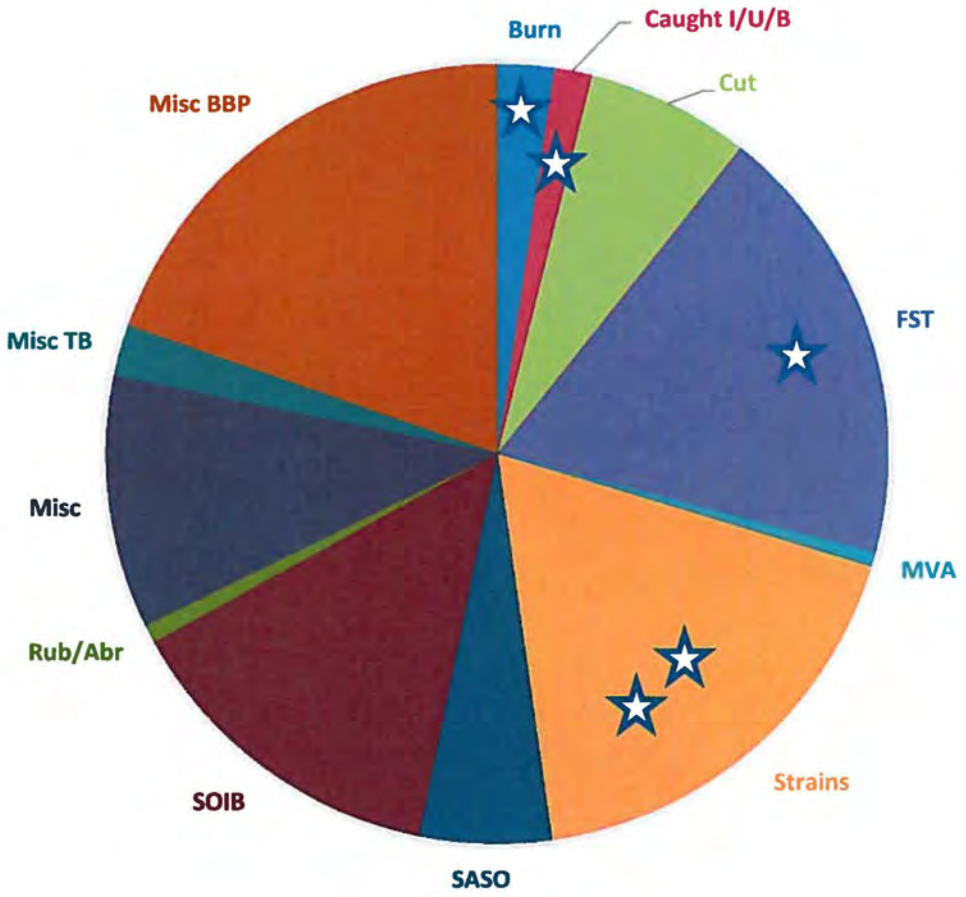


Total Cost Per Year



Workers' Compensation

2016 INCIDENT TYPES



Energy Services
Facilities Services - 2
Exercise & Sports Science
Human Resources

Updated OSHA Regulations

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OSHA Recordkeeping & Reporting Requirements

29 CFR 1904

Due	Content
Electronic Reporting July 1, 2017	OSHA 300A Summary of Work related injuries/illnesses for 2016
Electronic Reporting July 1, 2018	OSHA 300 log for 2017 must be reported, including additional details from injury report
Guidance on Discriminating January 1, 2017	Employer Safety Incentive & Disincentive Policies & Practices

OSHA Recordkeeping & Reporting Requirements

- "Finally, some employers establish programs that unintentionally or intentionally provide employees an **incentive** to not report injuries. For example, an employer might enter all employees who have not been injured in the previous year in a drawing to win a prize, or a team of employees might be awarded a bonus if no one from the team is injured over some period of time. Such programs might be well-intentioned efforts by employers to encourage their workers to use safe practices."

- "Incentive programs that discourage employees from reporting their injuries are problematic because, **under section 11(c), an employer may not "in any manner discriminate"** against an employee because the employee exercises a protected right, such as the right to report an injury. "

- "However, there are better ways to encourage safe work practices, such as **incentives that promote worker participation in safety-related activities, such as identifying hazards or participating in investigations of injuries, incidents or "near misses"**.

Walking, Working Surfaces & Personal Fall Protection Systems

29 CFR 1910 Subparts D&I

Due	Content
Retraining – Competent/Qualified May 1, 2017	Changes to regulations and Personal Fall Protection Systems
New – November 2018 Retrofit Others by 2036	Ladder Safety systems – 24' or greater Guardrails – excludes use of chains to close access Parapet – no longer allows alternative
Workplace Assessments	Determine, communicate, selection of PPE, ensure, **documented**

State Hazard Hero Program

- **Goal:** Provide another mechanism to report unsafe condition/action observed and implement corrective action
- **Value:**
  - Enhance hazard identification/mitigation
  - Reduce liability cost (WC, Tort)
- **Driven by:**
  - NC Injury Prevention Program
  - OSHA – General Duty Clause (maintain a workplace free from recognized hazards)

2017 EHS Goals

Intrapreneurship 2017
Explore Radio Frequency Identification (RFID) tag use for chemical inventory management and compliance.
EHS will support UNC's Informal Contracting Process to ensure that the best-qualified, responsible, responsive contractors perform the construction work; while building the base of contractors, which UNC pulls from.
Upgrade the remote monitoring systems for irradiator security under grant from the Department of Energy's Office of Radiological Security.
Review the latest standards for mold pertaining to indoor air quality and work environment. Determine the appropriate approach for the different environments encountered at the University.
Implement an EHS cross-functional team to analyze the reason(s) for the generation of high hazard and unknown chemical waste from University laboratories. Develop an action plan, which drives education with the ultimate goal of the reduction of high hazard and unknown laboratory chemical waste generation.
In collaboration with Facilities Services, EHS will support the updating process of the construction design guidelines to reflect new regulatory drivers and best practices for hazardous materials and permitting requirements.
Review and make improvements to the biosafety cabinet certification program.
In collaboration with the School of Dentistry, review and develop educational materials for preventing bloodborne pathogens exposures.
Compliance 2017
Continue to work with NCDENR on development and implementation of remedial action plan (RAP) for the Town of Chapel Hill Old Sanitary Landfill at Carolina North
Develop and implement training and procedures for ensuring compliance with regulations and University policies related to radiofrequency (RF) emitting equipment on campus roofs. This entails developing safety awareness training for employees accessing campus roofs, access control for campus roofs and developing a process for shutting down RF equipment during roof work.
Establish a comprehensive radiation safety program for cyclotron facility now that human-use radiopharmaceuticals are being produced.
Apply for a Manufacturing and Distribution license for BRIC's cyclotron facility.
Implement the clinical laboratory inspection program to ensure a safe work environment for employees working in clinical laboratory areas.
Determine the impact of the updated OSHA standards for crystalline silica (OSHA 29 CFR 1926.1153 and 1910.1053)

and beryllium (OSHA 29 CFR 1910.1024 and 1926.1124). Implement a compliance program consisting of a written exposure plan, training program and appropriate work practices.
Review the University's Biosafety program for risk group 2+. Create tiers for research labs based on risk assessments.
Review and implement a new program for compliance with the generation and disposal of hazardous waste.
Two major reclaimed water permit modifications will be submitted to NC DEQ for the Finley Fields South area and the central athletics area which includes the current Fetzer Field/Field Hockey/Lacrosse Fields and the new indoor Football practice area. Preparation and submittal of the Hazardous Materials Facility Storm water permit renewal application.
Implement the new requirement for electronic submission of Injury and Illness records into OSHA's Injury Tracking Application.
Complete the comprehensive revision of the UNC EHS Emergency Response Manual.
Develop a PCB Management Plan and UNC training for construction sites that integrates both waste management and safety management of PCBs.
Growth 2017
Support the Mary Ellen Jones renovation project including design review and construction activities.
Support the Medical Education Building project, including permitting, design review, demolition and construction activities.
Continue the development and implementation of an on-line Permitting program for Confined Space, and Energized Work.
Education 2017
Develop and implement new fall protection training and design guidelines in accordance to the revised OSHA Walking, Working Surfaces standard.
Review and update the Biological Safety risk group 2+ online training programs with modules for HIV/SIV, Non-human primates / herpes B and viral amplification.
Continue to drive the Culture of Safety across campus. Actively engage and use national awareness events such as "National Safety Stand-Down To Prevent Falls in Construction" and actively use "June is Safety Month" as communication vehicles to enhance the safety culture across campus.

USSC Meeting

March 2, 2017

Attendees:

Mary Beth Koza, Jeff McCracken, Matt Hawkins, Mary Crabtree, Mike Rolleri, Mitch Picker, Beverly Errede, Paul Pogge, David Kauffman, Lorraine Alexander, Doug Cyr, Linc Butler, Chris Payne, Craig Fletcher, Cathy Brennan

Notes:

EHS Goals – Mary Beth Koza gave overview on status of 2016 goals and reviewed new 2017 goals which are based on PDCA model; Goals cover 4 areas: Intrapreneurship, Education, Compliance and Growth; The committee approved the 2017 goals by unanimous decision. New Safe Science – Culture of Safety website http://ehs.unc.edu/lab/safescience/

2016 Workers Compensation – Mary Crabtree provided a summary of 2016 workers compensation statistics; Near miss reports went down slightly, Lost and Restrictive days went up slightly, Serious Cases (6 or more lost time days) there were 17 which is about the same as last year and the total cost per year went up to 3 million (mostly related to one incident); Some of the major incident types from 2016 were Miscellaneous BBP, Strains and Fall, Slips and Trips. See presentation.

Updated OSHA Regulations – Crabtree went over new OSHA Recordkeeping and Recording Requirements that requires us to report every claim via electronic reporting as of 2018. New regulations include fines for incentive programs that tell people not to report. OSHA also no longer needs a complaint to come for an inspection; Hazard Hero program is a proactive program we have had in place and allows people to report safety issues; Another new regulation is Walking, Working Surfaces & Personal Fall Protection which OSHA just merged. By May 1st 2017 we must train all people on Fall Protection. Also need to perform a work place assessment before going onto roof to make sure you have right PPE and equipment (includes contractors on campus).

Campus Safety & Security – Jeff McCraken stated that the Camera project, Bollard Project are ongoing. Spring is protest season and UNC-PD is preparing for activities. This coming Monday Professor Mike Adams (UNC-W) will be speaking at Union. The event is sponsored by three conservative UNC organizations. Jeff demoed Live Safe app and encouraged all USSC members to download it to their phone.