Special points of interest:

- Department Safety Objective & Programme
- SHAPEing Campus Safety & Health Alerts
- NUS Annual Safety & Health Performance Award (ASHPA) & Appreciation High Tea
- NUS Safety, Health & Environment (SHE) Conference
- Lab Safety Inspection & Audits

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NUSMed Lab Safety Inspections: 15
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## 2015 Department Safety & Health Objectives & Programme

### 2015 Department Safety & Health Objective

<table>
<thead>
<tr>
<th>Objective</th>
<th>1st Quarter</th>
<th>2nd Quarter</th>
<th>3rd Quarter</th>
<th>4th Quarter</th>
<th>Current Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>To achieve zero reportable accidents to the Ministry of Manpower for 2015</td>
<td>0</td>
<td>0</td>
<td>Ongoing</td>
<td>Ongoing</td>
</tr>
<tr>
<td>2</td>
<td>100% of the Principal Investigators undergoing PI surveillance audit to pass by 31 December 2015.</td>
<td>In progress</td>
<td>In progress</td>
<td>In progress</td>
<td>In progress</td>
</tr>
</tbody>
</table>

### 2015 Department Safety & Health Programme

<table>
<thead>
<tr>
<th>Objective</th>
<th>Responsible</th>
<th>1st Quarter</th>
<th>2nd Quarter</th>
<th>3rd Quarter</th>
<th>4th Quarter</th>
<th>Current Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Organize a safety activity every three months (after the Research Administration meeting) to serve as an avenue to raise awareness and provide training for old and new staff</td>
<td>Department Safety Committee</td>
<td>- Safety Quiz &amp; Induction (28/01)</td>
<td>- Safety Quiz &amp; Induction (22/04)</td>
<td>- Chemical &amp; GHS (22/04)</td>
<td>-</td>
</tr>
<tr>
<td>2</td>
<td>Participate in NUS level programmes such as ASHPA &amp; PI Certification / Surveillance with regular activities geared to bridge the gaps identified though our PDCA cycle</td>
<td>Staff and Students</td>
<td>- ASHPA Award Ceremony (15/04)</td>
<td>- SHE Conference (14/05)</td>
<td>- BCP Exercise (06/05)</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>Conduct an internal Fire Drills at least one a year, in each of the building which our department laboratories occupy, to ensure that staff and students are prepared for emergency evacuation</td>
<td>Department Safety Committee, Facilitator: Dept. Fire Warden</td>
<td>- NUSTEP Fire Drill (31/01)</td>
<td>- MD4 fire drill (09/04)</td>
<td>- ODC fire drill (08/05)</td>
<td>- NUHS Fire Drill (15/04)</td>
</tr>
<tr>
<td>4</td>
<td>Conduct one Chemical Safety and one Biological Safety Exercise to familiarize staff and students with emergency spill procedures</td>
<td>Department Safety Committee, Facilitator: Chemical &amp; Biological Safety ICs</td>
<td>-</td>
<td>- Biological &amp; Chemical Spill Response Exercise (21/04)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>5</td>
<td>Conduct laboratory safety inspections once in 6 months</td>
<td>Department Safety Committee</td>
<td>Internal Inspection (09/03 to 15/03)</td>
<td>NUSMed NUSTEP &amp; ODC Inspection (25/06)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>6</td>
<td>Conduct laboratory Safety Management System audit once a year</td>
<td>Department Safety Committee</td>
<td>-</td>
<td>Internal Audit(15/06 to 21/06)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>7</td>
<td>Review laboratory safety performance once a year to ensure continual improvement</td>
<td>Principal Investigators &amp; Research Directors</td>
<td>Ongoing</td>
<td>Ongoing</td>
<td>Ongoing</td>
<td>-</td>
</tr>
</tbody>
</table>
The NUS Annual Safety & Health Performance Award (ASHPA) (April 2015)

The NUS Annual Safety & Health Performance Award (ASHPA) is a scheme to give recognition to NUS Departments, Research Centres/Research Institutes, Admin offices and Halls of Residences (henceforth known as department) which have implemented an effective safety and health management system (SHMS) that would reduce accidents and incidents. It encourages and rewards departments which implemented or maintained sound SHMS to self-regulate safety.

Behind the Scenes (ASHPA Photo Montage)

What is this chemical doing here?

SMILE !!!

Press this button to operate.

There’s something even taller than me !!!

Better to make good friend with him!!

Maybe this angle looks better.

Am I serious enough?
NUS Annual Safety & Health Performance Award (ASHPA) (Cont)

2010 (Merit Award)
2011 (Silver Award)
2015 (Commendation Award)

WELL DONE EVERYONE!!!

Our Research Director (A/P Wilson Wang) receiving the ASHPA Award. Well done and Congratulations to Team Orthopaedic Surgery for your effort.

Ladies Power

Everyone looking so SMART
The Tree of Andry

ASHPA High Tea @ Carousel (April 2015)

SUMPTUOUS TREAT FOR THE WHOLE TEAM

HUNGRY ANYONE?
Stay calm, don't worry. Everything's gonna be alright!

FIRE!! Please Evacuate

Actually there’s nothing to be shy about. :)

I shy lah~

My hand phone also same model

Let's gather here!

Anybody not here yet please raise your hands.

Fire Drill NUSTEP (January 2015)
Even though there are only 4 of us, there’s still a need to mark our attendance.

Stay calm!

Look out for blinking light on the Fire Panel.

And walk briskly...

Are we doing good this time round?
We should take the stairs from the nearest exit over there.

Sure or Not!!

Walking to the meeting point...

Cannot find my name

MORE STAIRS...!

We survived!
The Tree of Andry

Fire Drill ODC (May 2015)

Briefing by Fire Warden

Follow me Everyone!!

Walking under the hot sun...

We’re here, finally...

Where is my name??

Hmm... We can do better than this!
The Tree of Andry

Biological & Chemical Spill Response Exercise (April 2015)

MD4 Labs (Biological)

We better pay attention !!!

ALERT!! Biological spill !!!

Don't panic

Department PI groups briefed and getting ready for biological spill response training exercise

Preparation of Precept Disinfectant Solution

Clean-up in progress

Disposal of contaminated biological waste

Final Clean-up of spill area
Department PI groups briefed and getting ready for chemical spill response training exercise

Chemical Spill
Confining the spilled area...
Checking Safety Data Sheet of spilled chemical
Neutralizing the chemical spill
Disposal of neutralized chemical residue
Final Clean-up of spill area
The Tree of Andry

Chemical & GHS Training Exercise (April 2015)

Splitting into groups...

Hmmmm...
(Thinking hard)

So many PHDs around

Easy peasy lemon squeezy~
The Tree of Andry

PI Business Continuity Plan (BCP) Desktop Exercise (May 2015)

Crisis identification, mitigation & prevention

Anyone need my help??

Let's get started on our BCP..

What to write?

Mentoring in progress!!
NUS Safety, Health & Environment Conference (May 2015)

All geared up for the SHE conference

Do you know what the ‘STAR’ represent?

PDCA presentation highlighting the department safety implementation programme

Receiving the award of appreciation
Where is the Treasure?

Playing Hide and Seek inside the cold room

Meticulous Checking of documents & Benchtops

Thorough Checking of First Aid Box
2015 SHAPEing CAMPUS SAFETY & HEALTH ALERTS
(January to March 2015)

JANUARY 2015

Sharing Best Practices

1st Asian Conference on Safety and Education in the Laboratory

The inaugural Asian Conference on Safety and Education in the Laboratory (ACE2015) hosted by the University of Tokyo, Japan, provided a forum for scientists, engineers, researchers and other professionals to discuss issues related to the management of occupational health and safety in institutes of higher learning.

- Read more

Enhancing Safety Culture

Safety is Not a Job, It’s a Passion

This month, we sit down with Anita Tan, a passionate advocate for the advancement of safety and health culture in the Department of Chemical and Biological Engineering.

- Read more

Sharing Best Practices

The Tree of Andry

Sharing Best Practices

Honorig Safety Champions

The Tree of Andry

Sharing Best Practices

Almost Every month, incidents & accidents have been happening. Though it has not happened to us, “Touchwood”, we always have to work as safely as possible

FEBRUARY 2015

Use of Variety of First Aid Boxes in Faculty of Science

The variety of first-aid kits and emergency boxes may not be seen in other parts of campus. However, it is an initiative led by the School of Biological Sciences to improve the emergency response in the faculty.

- Read more

Policy Updates

Enhancing Safety Culture

Safety handling of Hydrochloric Acid

While handling a dilute solution of hydrochloric acid (HCl): a highly corrosive and toxic chemical, a student was accidentally burned. Here’s the story and lessons learned:

- Read more

Key safety practices when using high-powered lasers

A research student suffered a temporary visual impairment while aligning an atom laser beam. Prevent such accidents by applying key safety practices:

- Read more

More interactive Online Safety and Health Trainings

DSO’s safety trainings are now more interactive and engaging:

- Read more

Policy Updates

Launch of "Biosecurity Passport" for the Biomedical and Life Sciences

To ensure biosecurity is not a hindrance, a new biosecurity passport for the biomedical and the life sciences faculty was recently launched. Here’s the lowdown.

- Read more

SHARING SAFETY CHAMPIONS

Good safety management is "Top-Down AND Bottom-Up"

This month, we feature Dr. Tan Phong-Ly, who is championing the advancement of safety and health culture in the faculty.

- Read more

Alerts & Advisories

Enhancing Safety Culture

NaH

- Read more

Alerts & Advisories

Safe working environment for everyone

The risk of working with hazardous agents is particularly high for undergraduate students. Here’s what you can do to ensure a safe working environment:

- Read more

Alerts & Advisories

Advisory of potential risk:

A chemical waste product may be hazardous.

- Read more

Alerts & Advisories

Advisory on safe usage of lab equipment

A chemical waste product may be hazardous.

- Read more

MARCH 2015

Policy Updates

Standard for Hepatitis B screening and vaccination within NUS

The Ministry of Health has developed a new Standard for Hepatitis B Screening and Vaccination to guide healthcare providers on managing hepatitis B.

- Read more

Policy Updates

Enhancing Safety Culture

ASHA 2015/16 Results

ASHA (2015/16) has concluded and the results have been announced. Find out how your department performed.

- Read more

Sharing Best practices

Sharing Best Practices

Honoring Safety champions

Sharing Best practices

Alerts & Advisories

Policy Updates

Enhancing Safety Culture

SHAPe is a new safety newsletter developed by OSHE and aims at communicating CAMPUS SAFETY & HEALTH ALERTS to all staffs & students on a monthly basis

For more detail, please check:
https://inetapps.nus.edu.sg/osh/portal/shape.html#
2015 SHAPEing CAMPUS SAFETY & HEALTH ALERTS
(April to July 2015)

MAY 2015

Sharing Best Practices

Integrating Safety in education – How do we do it?
The Department of Physiology, Yong Loo Lin School of Medicine, has been integrating safety in their teaching curriculum, seen more of the topics above, especially in their undergraduate schools.

Honouring Safety Champions

Prof Barry Hollis, Distinguished Safety & Health Leadership Award recipient. Championing Safety in the NUS Research Clusters.

Professor Barry Hollis, Energy President (Research & Technology), has won the Distinguished Safety & Health Leadership Award at the NUS Annual Safety and Health Forum Dinner for his entire contribution to safety in NUS.

Mythbusting

EYE SAFETY seems to be the trend in the recent SHAPE releases

JUNE 2015

Sharing Best Practices

Total Workplace Safety and Health (TWSH) in NUS – Creating a ‘healthier’ You for a ‘safener’ Workplace

There are an increasing need for improved safety, health and wellness programme at the workplace. TWSH is the one that NUS is doing to create a healthy and safe workplace for you.

Honouring Safety Champions

AProf Geetha Dewe – FIRST Leadership to drive the SAFETY FIRST Package

This month, we salute the Centre for Safe Environment (CSE) safety committee chairperson, AProf Geetha Dewe, who has taken the role of chairperson of Safety FIRST.

Alerts & Advisories

Rupture of chemical waste container

A general protocol needs to be updated when we receive more incompatable acid waste in campus. Don’t let it happen to you.

Policy Updates

NUS Safety & Health Policy reviewed to improve a sustainable safety & health culture

The members are part of the University’s commitment to building a positive safety & health culture in NUS and improve its overall culture.

Enhancing Safety Culture

2nd NUS Safety & Health Environment Conference – Showcasing the best in systems and practices

The conference was the first in the NUS Safety & Health Environment Conference organized by the Office of Safety, Health and Environment, Today, the大会上, and NUS developments in NUS.

JULY 2015 (latest issue)

Sharing Best Practices

Brother’s Keeper & Safety Tea: A creative spin to safety at the Department of Biochemistry

In a bid to foster a positive safety culture, the Department of Biochemistry has embarked on a series of initiatives such as Brother’s Keeper and Safety Tea.

Honouring Safety Champions

“Changing mindsets to create a holistic Safety Culture” - Role of a Safety & Health Coordinator

Understand safety and how Shl Tan (Keng Ho), Office of Facilities Management safety coordinator, is driving a holistic Safety Culture in the department.

Alerts & Advisories

Explosion in a drying oven

The incidents associated with the use of drying oven are often ignored. A recent explosion in an oven provides a timely reminder.

Policy Updates

Compulsory use of eye protection for research laboratories and workshops

Following an increase in incidents involving hazardous materials involved in the area, NUS is requiring the use of eye protection in research laboratories and workshops.

Introduction to Laboratory Safety & Health in NUS – A new and refreshing way to learn about safety & health

Learn about safety and health in NUS with CSE’s latest video production.

Enhancing Safety Culture

Saw Swee Hock School of Public Health (SSSHPH) – Journey of Health & Safety Excellence

Over the years, the School has taken big strides in research safety and health excellence by employing various innovative and award-winning solutions.
The Tree of Andry