

Environmental Health and Safety

RAPID Meeting

February 2018



Weill Cornell Medicine

Agenda



- **2017 Annual Inspection Results and 2018 Priorities**
- **InfoEd Updates**
- **Refrigerator and Freezer Monitoring Program**
- **Lessons Learned Program**
- **New EHS Customer Satisfaction Survey**

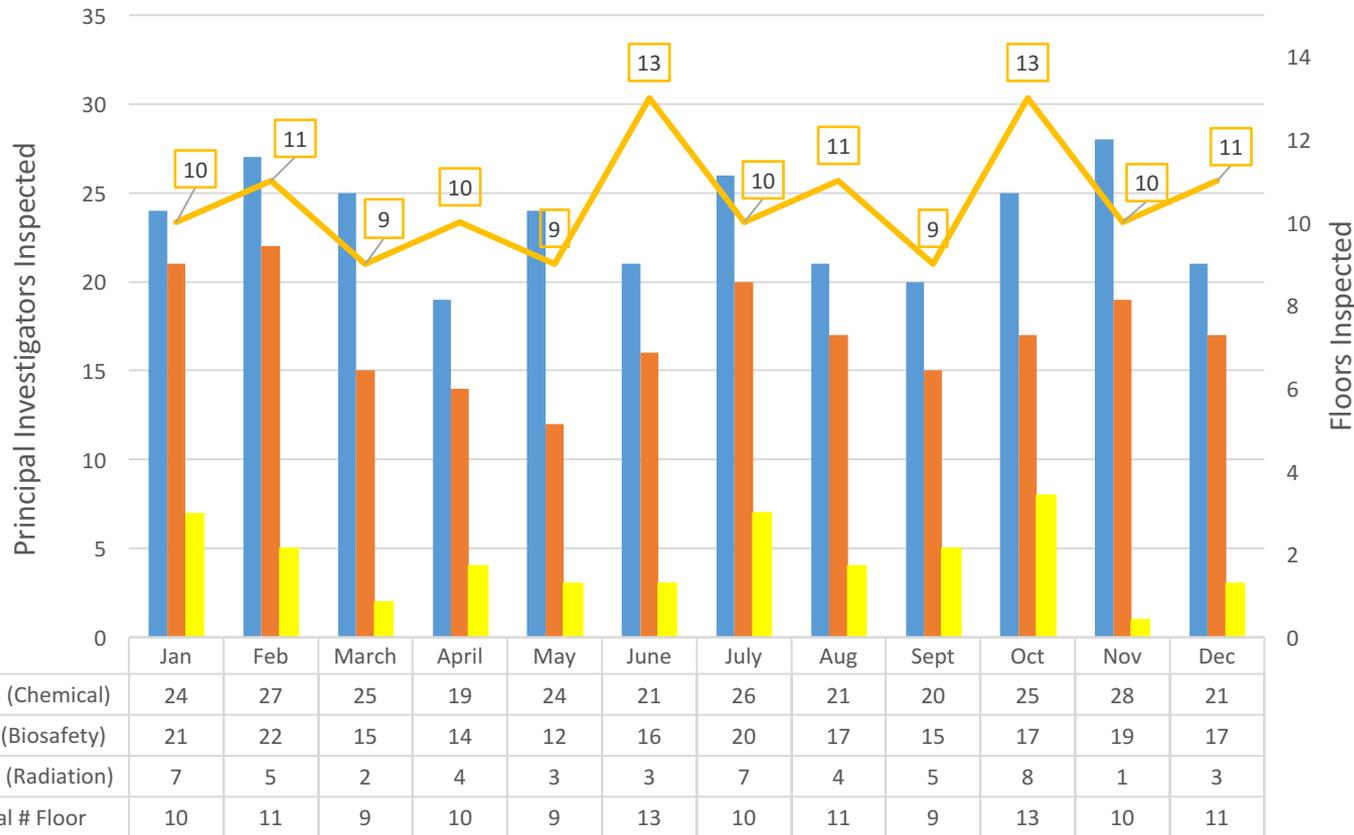
2017 Annual Inspection Results & 2018 Priorities

Matthew Brinton
EHS Assistant Director



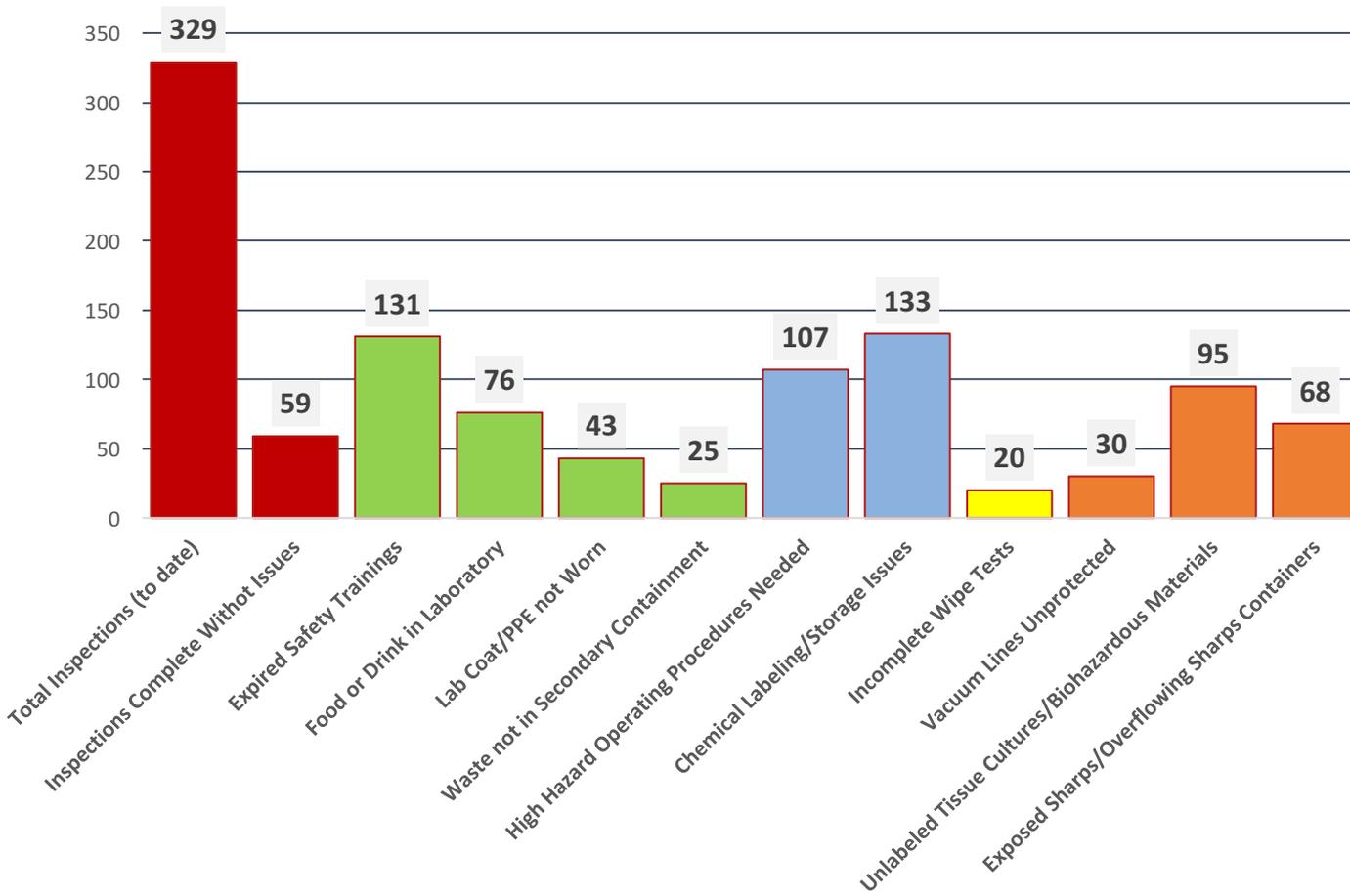
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Unified Laboratory Inspection Program



Total PIs	Percent
281	100.0%
203	73.0%
52	18.5%

Top Annual Laboratory Inspection Findings from 2017



All Safety Programs
 Chemical Safety
 Biological Safety
 Radiation Safety

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281	100.0%
203	73.0%
52	18.5%

Annual Chemical Inventory Reporting



Chemical inventory requirements are governed by:

- NYC Department of Environmental Protection
- NYC Fire Department
- US EPA Community-Right-to-Know
- US Department of Homeland Security Chemical Facility Anti-Terrorism

Goal: emergency preparedness, response and management.

Requirement: annual comprehensive inventory submitted to NYCDEP followed by annual inspection of all buildings.

All chemical owners storing and/or using hazardous chemicals must:

- 1) Update inventory in *ChemTracker Chemical Inventory System*
- 2) Submit *Annual Chemical Inventory Submission form* to EHS
- 3) **Deadline was January 12, 2018**

40% submitted to-date

For assistance, contact EHS at 646-962-7233 or chemtracker@med.cornell.edu.

InfoEd Updates

EHS Module



InfoEd Updates – IBC / RSC Coming Soon



Environmental Health and Safety administers:

- Institutional Biosafety Committee (IBC)
- Radiation Safety Committee (RSC)

InfoEd EHS Module

Online unified laboratory registration process

- EHS Research Safety Checklist
- IBC Laboratory Registration
- RSC Non-Human Use Radioactive Materials Application

Integration with other Research Office-related processes:

- Human Subjects applications
- MTA; IRB; Grants & Contracts

New IBC/RSC websites coming in 2018

- Guidance for Human Gene Transfer and Laboratory Registration
- Radiation dosimetry calculations and request forms

EHS Regulatory Specialist

~ Position Available ~



Position Activities

- supports the administration of EHS regulatory and research compliance
 - Institutional Biosafety Committees (IBC) and
 - Radiation Safety Committees (RSC)
- assists Biological & Radiation Safety Officers with processing of IBC & RSC submissions
- serves as the liaison between the IBC/RSC and other administrative offices.
- trains committee members, reviewing protocol submissions from the faculty and assigning work flows to safety advisors
- Full list of activities available on <https://careers.weill.cornell.edu>

Refrigerator and Freezer Monitoring Program



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Refrigerator & Freezer Monitoring Program ~ 1300 York Avenue Pilot ~



Cloud-based monitoring system
(no ITS connections required)

Real-time Freezer and
Refrigerator Status Information

Custom Alarms and Notifications

Computer and Mobile Access

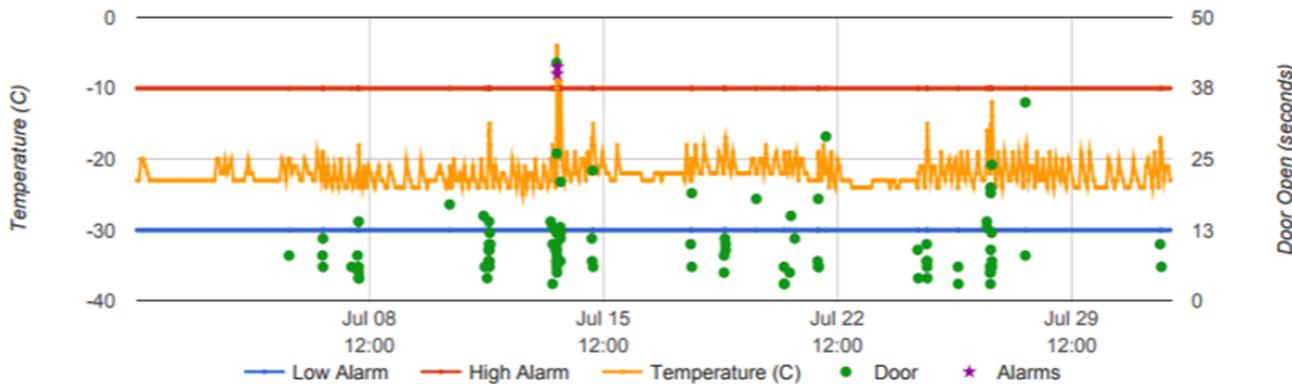


Monthly Monitoring Reports



Q-Ship -20C VWR ID# 0401-1112 (A-0050)
Unit Report for July 2017

Probe Temperature (C)



Range -25C to -4C

Alarm Summary

Alarm Start	Alarm End	High Temperature (C)	Low Temperature (C)
07/13 14:52	07/13 15:02	-7	-8

Compliant with FDA Title 21 Part 11 guidelines for electronic reporting.

Reports provide a list of alarm states during the month.

Monitoring Pricing



Initial Offer

- Each PI in 1300 York will receive the **first probe free** of charge.
- The lab would only be responsible for the \$84 annual monitoring fee.

Purchase Option

- Set-up Cost: Purchase the probe for \$375 (includes installation).
- Annual Fee: Pay an \$84 annual monitoring fee.

Lease Option

- Set-up Cost: One-time \$75 installation fee per unit.
- Annual Fee: Pay \$204 per unit (includes probe and annual monitoring fee).

Sign-up for Program

- Scan QR Code
- Visit [EHS website](#)
- EHS will coordinate with Lab Contact to finalize and install.



Lessons Learned Program



Lessons Learned



Available Lessons

- [Autoclave Explosion](#)
- [Needlestick Injury in the Laboratory](#)
- [Corrosion in Chemical Storage](#)
- [Gas Exposure in the Laboratory](#)
- [Evacuation Procedures](#)
- [Microwave Fire Hazard](#)
- [Unsafe Use of Ladders](#)
- [Radiation Contamination Risks](#)
- [Laboratory Oil Bath Fire](#)
- [Mold Contamination in Cold Rooms](#)
- [Air Transport of Dangerous Goods](#)
- [Returned Dry Ice Shipment](#)
- [TCA Splash Due to Improper Storage](#)
- [After-Hours Laboratory Phenol Splash](#)
- [Exposure from Improper Phenol Storage](#)

Care Discover Teach Departments WCM Q

Weill Cornell Medicine
Environmental Health & Safety

About Us Forms & Resources Training Waste Disposal Safety Radiation Safety Emergencies Shipping

How Do I...
Select Your Question

- We Offer Services For...
- Laboratorians
 - Clinicians
 - Students
 - Office Staff
 - Animal Handlers
 - Burke Researchers

Contact Us
EHS is always available to provide assistance. If you need to contact us for any reason, please refer to our [staff directory](#). In addition, we can be

Announcements

Laboratory Safety Town Hall Meeting on January 30
January 19, 2018
Tuesday, January 30, 2018
10:00 AM - 11:00 AM
Uris Auditorium (1300 York Avenue)

EHS is pleased to announce our upcoming Laboratory Safety meeting, scheduled for Tuesday, January 30th from 10:00 AM to 11:00 AM, in Uris Auditorium at 1300 York Avenue.

This meeting will discuss upcoming and pertinent laboratory safety initiatives at Weill Cornell Medicine, including:

- Lessons Learned Program
- 2018 Chemical Inventory Report
- Refrigerator / Freezer Monitoring

Emergency Information

- [Operating Status](#)
- [Response Guides](#)
- [Notification System](#)
- [Emergency Planning and Contacts](#)

Requesting Assistance & Reporting a Problem

Contact WCMC and NYP departments providing safety, security, waste and health services.

Information Resources

- [Manual](#)
- [EHS Updates](#)
- [Lessons Learned](#)
- [Frequently Asked Questions](#)



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TEL 646-962-7233 WEB weill.cornell.edu/ehs EMAIL ehs@med.cornell.edu

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Lessons Learned



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More videos to come in the EHS Website



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New EHS Customer Satisfaction Survey

James Crandall

EHS Director



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EHS Customer Satisfaction Surveys



Single survey to capture community feedback for EHS Services

- Trainings and Meetings
- Safety Registrations
- Safety Inspections
- Incident / Emergency Response
- EHS Assistance
- Other Services

Projected Start Date: **February 2018**



**Thank you for
Attending**

Questions?



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