Environmental Health and Safety

RAPID Meeting

September 2016
Unified Laboratory Safety Registration and Inspection Program
Historical Research Safety

EHS Research Safety Checklist

- Defined / limited focus on chemical safety, FDNY / fire safety, general laboratory safety, hazardous materials shipment and emergency preparedness

- Required annual completion and submission by Principal Investigator (PI)

Institutional Biosafety Committee

- Defined / limited focus on biological safety involving rDNA and Risk Group 2-4 biological agents

- IBC Registration required for each separate pre-award grant submission/approval.

- Each registration had a separate compliance due date

- Compliance issues identified as “new” research is conducted prior to grant submission/IBC Registration.

Radiation Safety Committee

- Defined / limited focus on non-human use of radioactive materials

- Non-human use radiation usage requires initial registration and authorization. New isotope usage requires amendment

- Separate annual confirmation of continued authorized user status
1. Reduce “paperwork shuffle”

2. Streamlined research safety implementation by geographical zones / scientific “neighborhoods”
Unified Laboratory Safety Registration
(EHS Research Safety Checklist / IBC Registration / Radiation Safety)

- Combines chemical, biological, and radiological safety into one comprehensive “Laboratory Safety Registration” submittal.

- EHS meets with Principal Investigator (and/or laboratory safety coordinator) to review current and proposed research and takes the lead to prepare documentation.

- EHS submits documentation to Safety Committees with Principal Investigator’s authorization. Safety Committees perform full review. The pre-review greatly reduces or eliminates administrative and scientific issues identified by Safety Committees.

- Laboratory Safety Registration will continue to be submitted on a bi-annual basis.

- Single comprehensive review and annual inspection of the laboratory for all PIs associated with the laboratory suite to minimize redundant inspections of same physical spaces.
Unified Laboratory Safety Review and Inspection
(EHS Research Safety Checklist / IBC Registration / Radiation Safety)

- Combines chemical, biological, and radiological safety annual reviews and inspections

- Annual Review:
  - High hazard chemical, biological and radiological hazards used in the laboratory
  - Safe work practices and waste management
  - Safety equipment (chemical hoods, biosafety cabinets, radiation survey meters, oxygen monitors)
  - Safety training

- When: align same month Registrations are completed

- Follow-up: EHS will work with LSCs to address issues
Next Step: Process Improvement Review

Integrated Laboratory Safety Registration
(EHS Research Safety Checklist / IBC Registration / Radiation Safety)

- Institutional Biosafety Committee and Radiation Safety Committee process improvement review.
- Customer-centric review to help ensure we continue to deliver high quality of service.
- Evaluate points of integration with other Departments and Committees (e.g., IRB, IACUC).

Process review main outcomes:
- Current state process map
- Feedback and root cause analysis
- Recommendations for improvement
- Future-state guidelines for potential Weill Research Gateway integration
Thank you for attending

Questions?

Participate in Process Review?

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