New EHS Platform

Weill Cornell Medicine
Custom Safety Software Solution

• First EHS software solution designed specifically for healthcare and biomedical research safety management.

• Created in partnership with Fitzroy Health

• Available to the WCM community September 2019
Old System

Access Database

Pros

• Custom to EHS workflow
• Expandable
• Maintained in-house
• 15 years of historical data available for analysis

Cons

• Access limited to EHS staff
• Required network access and PC
• Slow response rate over Wi-Fi
• Required specialized knowledge
Web-based cloud system
- Scales to user’s device
- Accessible to community
- Does not require network access (only internet)
- Links to other WCM information systems
  - Directory
  - CWID sign-on
  - SuccessFactors Learning Module
  - ChemWatch® Chemical Safety Information Database
  - Weill Research Gateway (pending)
Portal Design

EHS Portal

• Assessments
• Equipment Management
• External Violation Management
• People Management
• Accident Investigation
• Chemical Library Management
• Etcetera….

Community Portal

• See/Respond to Assessment Findings
• See/Respond to External Violations
• Manage Chemical Inventories
• Manage Rosters
• See Training Compliance
• Request Help
Easier to Manage Safety Resources

- Chemical Collection Requests
- Sharps Collection Requests
- Lab Training Assessment Roster
- Lab Safety Summary Report
- Chemical Inventory
- Safety Data Sheets
- Web Based Forms
- Weill Business Gateway
- 3rd Party Software
- Salute

Environmental Health and Safety
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Personalized User Portal

Single access point for user role information
Easily Manage Your Lab’s Members

- Manage user roles:
  - Principal Investigators
  - Lab Managers and Safety Coordinators
  - Department Administrators
  - General Users
Easily Manage Lab Rosters
Track Training Needs

- All users can access safety training status
- Links to SuccessFactors (LMS)
- Direct link to LMS to view/take required trainings
Training Needs Assessments

Manage individual and roster training needs
Improved EHS Workflow
### Improved Efficiency

#### Chemical Waste

- **41. All Chemical Waste Stored in Compatible Containers**: ✔️ ✗ N/A
- **42. Chemical Waste Containers Are Closed**: ✔️ ✗ N/A
- **43. No Excessive Waste Storage**: ✔️ ✗ N/A
- **44. Chemical Waste Containers Segregated from Reagents**: ✔️ ✗ N/A
- **45. Waste Containers Stored in Secondary Containment**: ✔️ ✗ N/A
- **46. CWSAA Is Near Point Of Generation**: ✔️ ✗ N/A
- **47. CWSAA Is Labeled**: ✔️ ✗ N/A
- **48. Acutely Toxic Chemical Waste Collected**: ✔️ ✗ N/A
- **49. All Chemical Waste Is Disposed Correctly**: ✔️ ✗ N/A
- **50. Thermometers Are Non-Mercury Type**: ✔️ ✗ N/A
- **51. Chemical Waste Is Labeled Properly (No Abbreviations)**: ✔️ ✗ N/A
- **52. Waste Containers Are Labeled**: ✔️ ✗ N/A

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Manage Safety Equipment

**CHEMICAL HOOD**

<table>
<thead>
<tr>
<th>Hood Type/Specs</th>
<th>Contact Information</th>
<th>Compliance Timeline</th>
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<tr>
<td>Space No.</td>
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Next Steps

• Complete Development of Community Portal (September 10th)

• Launch (September 2019)

• Breathe

• Gather Feedback September - December

• Improve