

Environmental Health and Safety

New EHS Platform



Weill Cornell Medicine

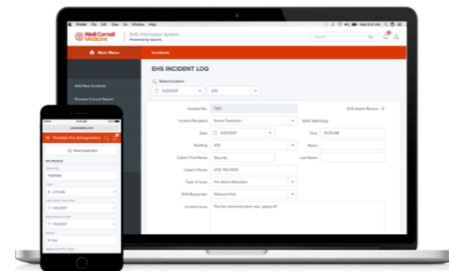
Custom Safety Software Solution



- 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



Fitzroy Health



Old System



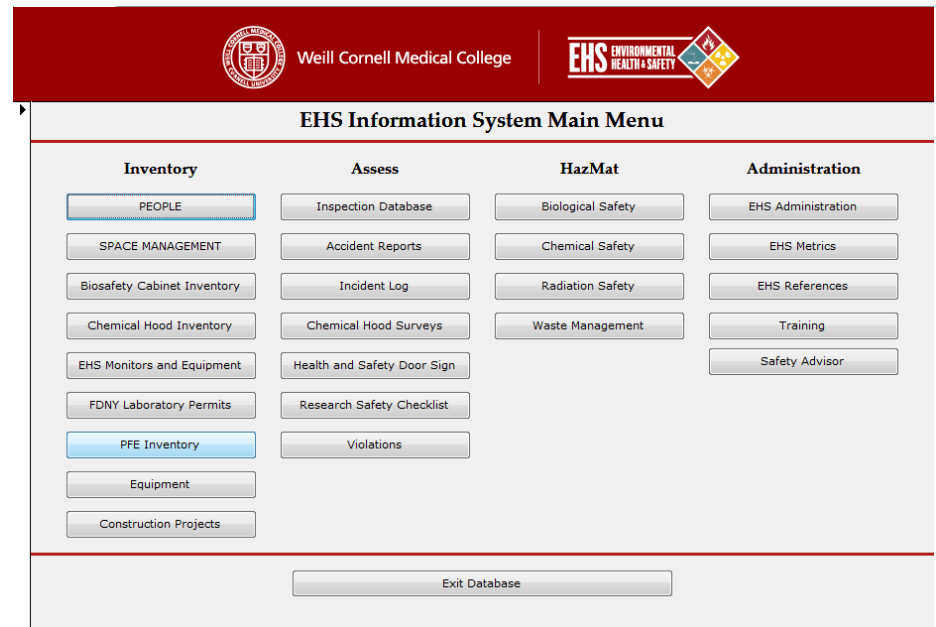
Access Database

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



New System



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



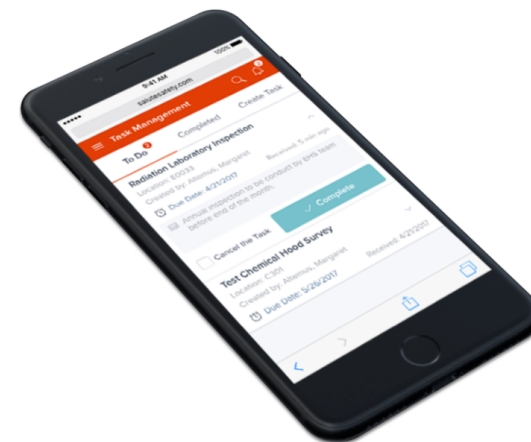
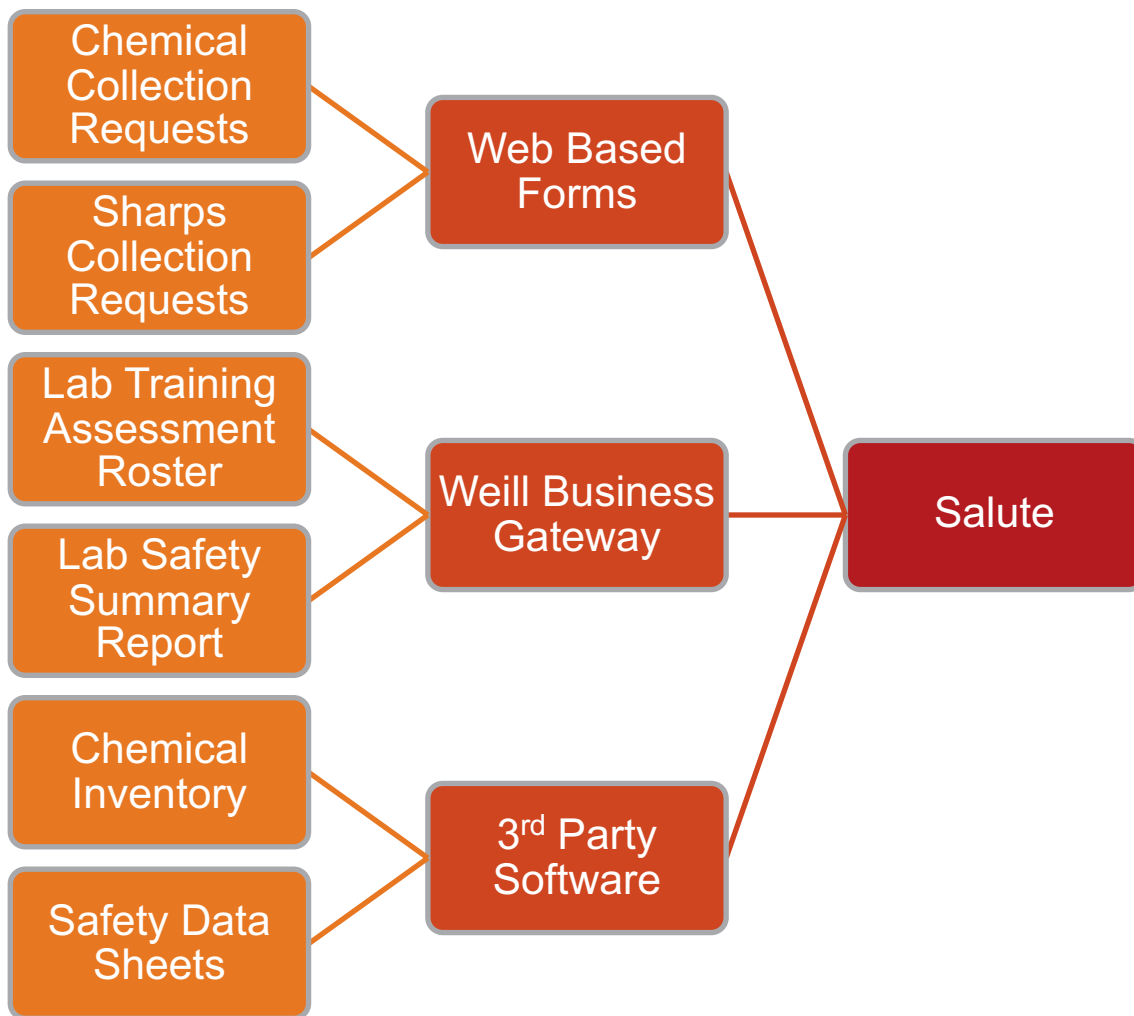
EHS Portal

- 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



Personalized User Portal



Single access point for user role information

SALUTE

Dashboard

Sort by: Due Date ▲

C14 Training Expired **OCT 20, 2018**

Last training: 2/3/2017 | 2:30PM | Trainer: John Doe

[Go to LMS](#)

Chemical Hood - Excessive Storage Due date **OCT 20, 2018**

Ensure storage of chemicals and equipment in the chemical hood is minimized to allow the chemical hood to operate efficiently and properly. Keep all apparatus at least 6 inches back from the face of the hood and do not obstruct air baffles in back of hood.

Related Assessment: #134783 | Inspection Type: Lab 2A | Location: Lab 2A

John Smith [View details](#) [Resolve](#)

Recent Activity

- EHS Peter Woods 55 min ago
Your request has been resolved.
[View](#)
- Olivia Chambers 2 days ago
New comment on [Ensure storage of chemicals is minimized](#)
[View](#)
- EHS Peter Woods 1 week ago
Your request has been resolved.
[View](#)
- Olivia Chambers 1 month ago
New comment on [Ensure storage of chemicals is minimized](#)
[View](#)

John Smith



**Weill Cornell
Medicine**

Environmental Health and Safety

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Easily Manage Your Lab's Members



- **Manage user roles:**

- Principal Investigators
- Lab Managers and Safety Coordinators
- Department Administrators
- General Users

SALUTE

Dashboard

EHS Findings **2**

Violation Findings

Assessments

Safety Trainings **2**

Employee Roster

Chemical Safety

EHS Assistance

[Report an Incident](#)

[Submit a Request](#)

People

Manage Columns Export to: Add New Person

Search... Select Filter Preset Clear filters

Institution ID	First Name	Last Name	User Type	Department	Division	Active
12529	John	Doe	EHS User	Biopsychology	Division	Yes
63563	Jack	Cooper	General User	Biopsychology	Division	Yes
28654	Rachel	White	Delegate	Biopsychology	Division	No
18469	Peter	Morgan	Responsible Person	Biopsychology	Division	No
11442	Caroline	Black	General User	Biopsychology	Division	No
95355	Molly	Jackson	EHS User	Biopsychology	Division	No
19667	Arthur	Brown	EHS User	Biopsychology	Division	Yes
22976	Michael	Phillips	General User	Biopsychology	Division	Yes
20095	Oscar	Kowalski	EHS User	Biopsychology	Division	No
30677	Debra	Strauss	General User	Biopsychology	Division	Yes
11009	Tina	Barker	Responsible Person	Biopsychology	Division	Yes
57467	Brad	Johnson	Responsible Person	Biopsychology	Division	Yes

Displaying: 1 - 12 of 12130 in total

1 2 3 4 5 ... Last

John Smith

Easily Manage Lab Rosters



Employee Roster

John Smith's Roster

First Name	Last Name	Department	Trainings	Expired Trainings	Next Expiration
Olivia	Chambers	Physiology and Bio...	3	1	12/12/2018
Olivia	Chambers	Physiology and Bio...	3	1	12/12/2018
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			
Olivia	Chambers	Physio...			

Add Employee to Roster

Employee:

Track Training Needs



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

The screenshot displays the SALUTE web application interface. On the left is a sidebar menu with options: Dashboard, EHS Findings (2), Violation Findings, Assessments, Safety Trainings (2), Employee Roster (selected), Chemical Safety, and EHS Assistance. Below the menu are links for 'Report an Incident' and 'Submit a Request'. At the bottom of the sidebar is a user profile for John Smith. The main content area is titled 'Olivia Chambers' with a breadcrumb 'John Smith's Roster > Olivia Chambers'. It includes links for 'Export' and 'Remove from Roster', and a 'Training Needs 1' section with an 'Update Training Needs' button. Three training modules are listed: C14 Training (Expired OCT 20, 2018), Lab Training (Expires OCT 20, 2018), and Radioactive Training (Expires OCT 20, 2018). Each module shows 'Last training' as '2/3/2017 | 2:30PM' and 'Trainer' as 'John Doe', with a 'Remove Training Need' link below each.

Training Needs Assessments



Manage individual and roster training needs

SALUTE

Olivia Chambers
John Smith's Roster > Olivia Chambers

Export Remove from Roster Update Training Needs

Training Needs 1

Update Training Needs Save

Select which apply:

- ☒ Works in a wet laboratory and conducts bench work? (Laboratory Safety)
- ☒ Works alone in laboratory or provides supervisory coverage when laboratory is in operation? (C-14)
- ☒ Non-human use of radioactive materials in a laboratory? (Radiation Safety)
- ☐ Ships biological materials or dry ice? (BioShipper)

2/3/2017 | 2:30PM John Doe

Expired OCT 20, 2018

Remove Training Need

Expires OCT 20, 2018

Remove Training Need

Radioactive Training Expires OCT 20, 2018

Last training 2/3/2017 | 2:30PM Trainer John Doe

Remove Training Need

John Smith

Improved EHS Workflow



EHS Information System
Powered by **SAFUTE**

Search



Home

Inventory	Programs	Assessments	Events	Administration
People	Construction Projects	EHS Assessments	Incidents	Metrics
Space	Space Risk Assessments	EHS Findings	Accidents	Reports and Analytics
Equipment	Chemical Safety	Violations		Reference Materials
Permits	Waste Management	External Inspections		Task Management
	Biological Safety	External Findings		Training
	Radiation Safety			FAQ
	Fire Safety			



Improved Efficiency



EHS Information System
Powered by SALUTE


Search



38. Peroxide Forming Chemicals Within Expiration Dates	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
39. Peroxide Forming Chemicals Labeled With Date(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
40. Safety Data Sheets (SDS) Are Available	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
Chemical Waste				
41. All Chemical Waste Stored In Compatible Containers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
42. Chemical Waste Containers Are Closed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	 
43. No Excessive Waste Storage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
44. Chemical Waste Containers Segregated From Reagents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
45. Waste Containers Stored In Secondary Containment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
46. CWSAA Is Near Point Of Generation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
47. CWSAA Is Labeled	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
48. Acutely Toxic Chemical Waste Collected	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Findings 1
49. All Chemical Waste Is Disposed Correctly	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Findings 1
50. Thermometers Are Non-Mercury Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
51. Chemical Waste Is Labeled Properly (No Abbreviations)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A	
52. Waste Containers Are Labeled	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N/A	Findings 1
Compressed and Liquefied Gas				



Manage Safety Equipment





EHS Information System
Powered by SALUTE

Search



Home > Equipment > Chemical Hoods > Chemical Hood

Chemical Hoods >

Add New Chemical Hood

Hood Inventory Report

Print Chemical Hood Labels

CHEMICAL HOOD

View EHS AssessmentsInspectPrint Label

Hood Type/Specs

Contact Information

Compliance Timeline

Comments

Hood ID1020000457

Space No *Burke_B01

Building: Burke Billings - Burke - Billings Buildi

View Space

Radioisotope HoodNo

Grids *3

Sash Stop Height (Inches)18


Hood Status *Inactive - Temporary

Date Installed *10/30/2016

Hood Type *VAV


Hood Manufacturer *Lab Craft

Hood Model *HBRC4



1020000461

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Next Steps



- Complete Development of Community Portal (September 10th)
- Launch (September 2019)
- Breathe
- Gather Feedback September - December
- Improve

