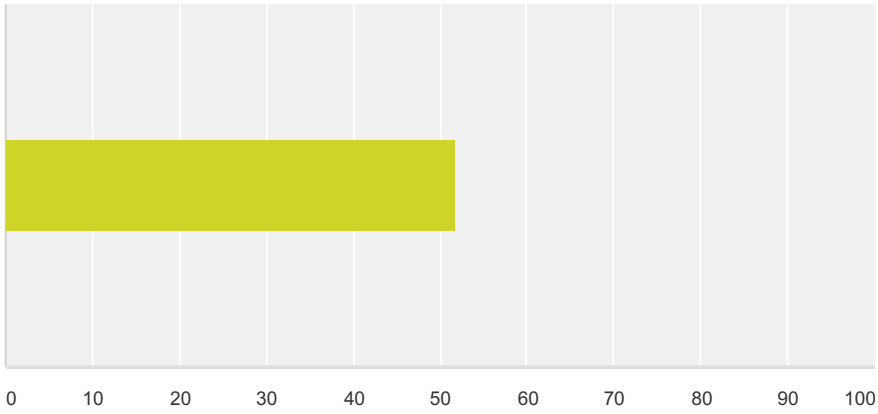
Q1 Please indicate the size of your institution in terms of undergraduate students

Answered: 81 Skipped: 6



Answer Choices	Average Number	Total Number	Responses
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Total Respondents: 81			

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20	85	9/21/2016 11:30 AM

21	99	9/21/2016 10:46 AM
22	42	9/21/2016 9:56 AM
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37	47	9/20/2016 10:38 AM
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60	34	9/19/2016 3:58 PM
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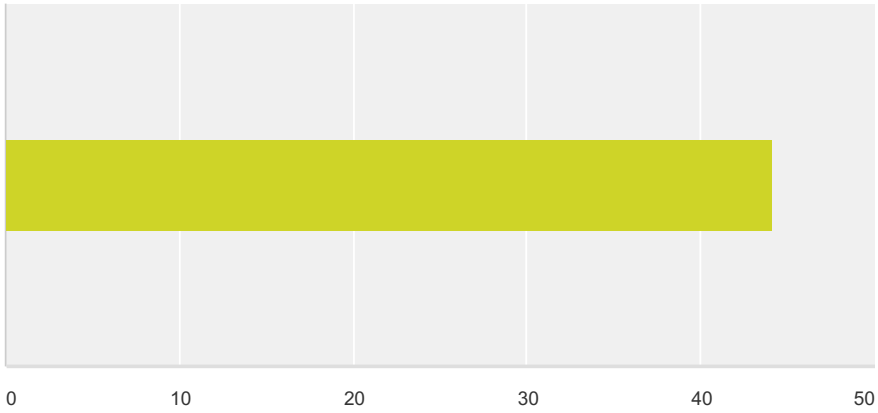
79	4	9/19/2016 2:20 PM
80	42	9/19/2016 2:10 PM
81	26	9/19/2016 1:58 PM

Q2 Please indicate the size of your institution in terms of graduate students

Answered: 83 Skipped: 4



Answer Choices	Average Number	Total Number	Responses
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12	0	9/21/2016 2:25 PM
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18	31	9/21/2016 12:50 PM
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21	82	9/21/2016 10:46 AM

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76	50	9/19/2016 2:38 PM
77	0	9/19/2016 2:27 PM
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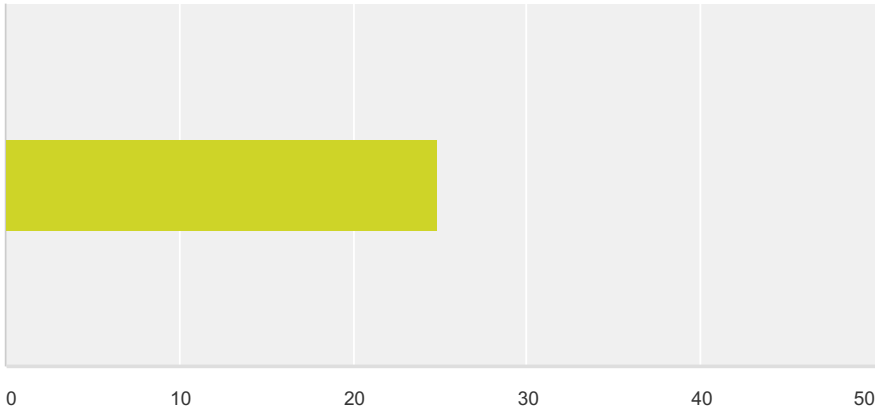
82	44	9/19/2016 2:10 PM
83	0	9/19/2016 1:58 PM

Q3 How many total laboratory groups does your institution host?

Answered: 85 Skipped: 2



Answer Choices	Average Number	Total Number	Responses
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Total Respondents: 85			

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82	33	9/19/2016 2:21 PM
83	3	9/19/2016 2:20 PM
84	20	9/19/2016 2:10 PM
85	2	9/19/2016 1:58 PM

Q4 What state are you located in?

Answered: 86 Skipped: 1

#	Responses	Date
1	Mexico	9/26/2016 8:33 PM
2	Georgia	9/23/2016 4:35 PM
3	PA	9/23/2016 8:37 AM
4	Iowa	9/22/2016 4:29 PM
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6	Washington	9/22/2016 1:10 AM
7	director	9/22/2016 12:23 AM
8	Texas	9/21/2016 5:17 PM
9	Hawaii	9/21/2016 4:44 PM
10	Washington	9/21/2016 4:25 PM
11	North Dakota	9/21/2016 2:43 PM
12	Washington	9/21/2016 2:31 PM
13	GA	9/21/2016 2:25 PM
14	NC	9/21/2016 1:55 PM
15	Pennsylvania	9/21/2016 1:42 PM
16	Washington	9/21/2016 1:08 PM
17	Indiana	9/21/2016 12:55 PM
18	Ohio	9/21/2016 12:50 PM
19	Pennsylvania	9/21/2016 12:50 PM
20	Massachusetts	9/21/2016 11:48 AM
21	California	9/21/2016 11:30 AM
22	Iowa	9/21/2016 10:46 AM
23	Michigan	9/21/2016 9:56 AM
24	Vermont	9/21/2016 9:32 AM
25	MA	9/21/2016 9:01 AM
26	Iowa	9/21/2016 9:01 AM
27	PA	9/21/2016 8:55 AM
28	New York	9/21/2016 8:55 AM
29	Wisconsin	9/21/2016 8:49 AM
30	Ohio	9/21/2016 8:07 AM
31	FL	9/21/2016 7:52 AM
32	South Carolina	9/21/2016 7:45 AM
33	Massachusetts	9/21/2016 6:29 AM
34	NH	9/20/2016 10:14 PM
35	missouri	9/20/2016 5:26 PM

36	North Dakota	9/20/2016 5:15 PM
37	California	9/20/2016 12:53 PM
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41	TX	9/20/2016 10:54 AM
42	Ohio	9/20/2016 10:38 AM
43	Virginia	9/20/2016 10:19 AM
44	Michigan	9/20/2016 9:37 AM
45	Michigan	9/20/2016 9:21 AM
46	Iowa	9/20/2016 9:19 AM
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50	Illinois	9/20/2016 8:38 AM
51	Kentucky	9/20/2016 8:17 AM
52	Quebec, Canada	9/20/2016 8:12 AM
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54	PA	9/20/2016 7:58 AM
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58	Ma	9/20/2016 6:18 AM
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60	California	9/19/2016 10:45 PM
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63	Massachusetts	9/19/2016 4:41 PM
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66	Iowa	9/19/2016 3:56 PM
67	Wisconsin	9/19/2016 3:43 PM
68	Alaska	9/19/2016 3:20 PM
69	Not US	9/19/2016 3:18 PM
70	Tennessee	9/19/2016 3:11 PM
71	Quebec, Canada	9/19/2016 3:08 PM
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73	Quebec, Canada	9/19/2016 3:02 PM
74	Pennsylvania	9/19/2016 3:01 PM
75	California	9/19/2016 2:59 PM
76	Massachusetts	9/19/2016 2:51 PM

77	IA	9/19/2016 2:45 PM
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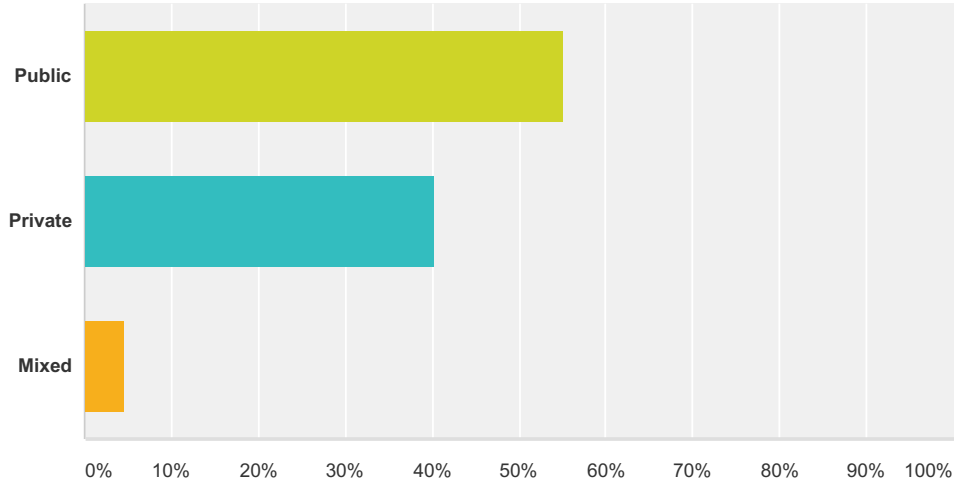
82	Ohio	9/19/2016 2:22 PM
83	California	9/19/2016 2:21 PM
84	Maryland	9/19/2016 2:20 PM
85	New York	9/19/2016 2:10 PM
86	NH	9/19/2016 1:58 PM

Q5 Is your institution public or private?

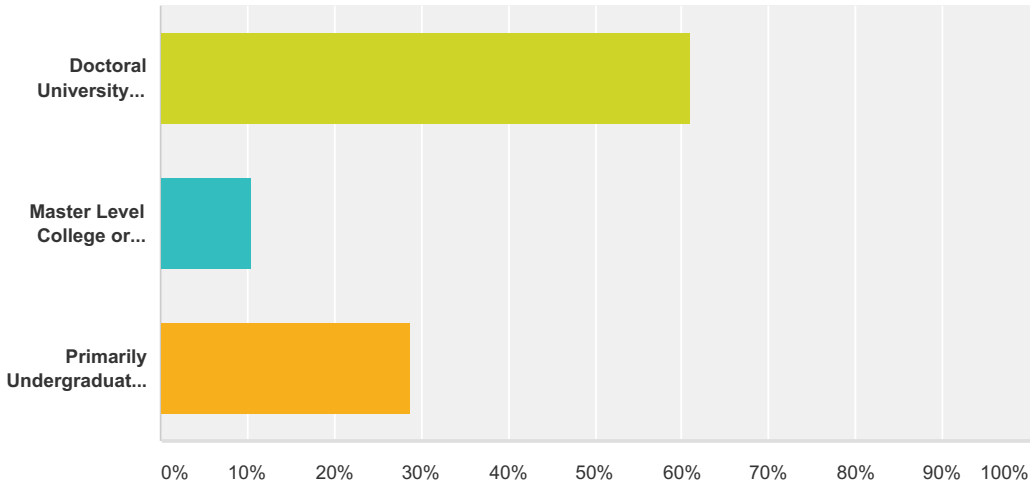
Answered: 87 Skipped: 0



Answer Choices	Responses	
Public	**55.17%**	48
Private	**40.23%**	35
Mixed	**4.60%**	4
Total		**87**

Q6 What is the highest level of lab research your institution hosts?

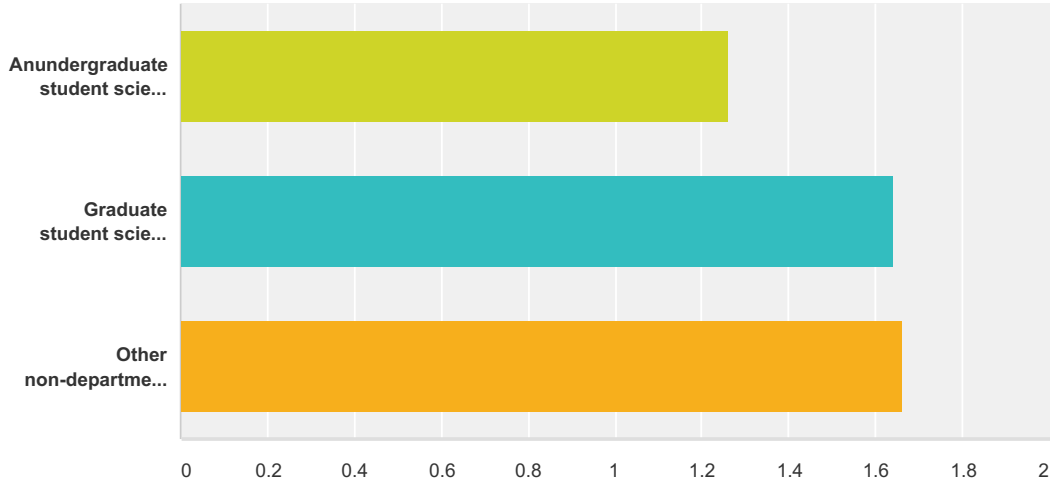
Answered: 87 Skipped: 0



Answer Choices	Responses	
Doctoral University (largeresearch effort)	**60.92%**	53
Master Level College or University (moderate research level)	**10.34%**	9
Primarily Undergraduate Institution(low research)	**28.74%**	25
Total		**87**

Q7 Does your institution have

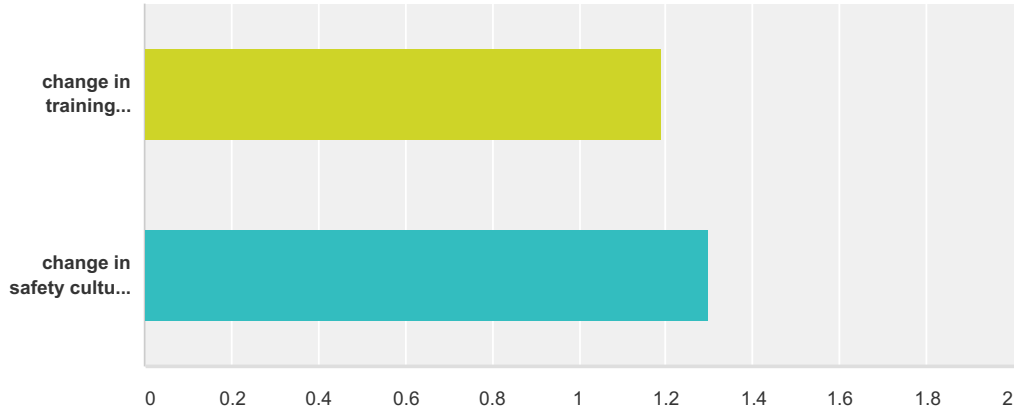
Answered: 87 Skipped: 0



	Yes	No	Don't know	Total	Weighted Average
Anundergraduatestudent science and/or research club(s)	**81.61%** 71	**10.34%** 9	**8.05%** 7	87	1.26
Graduate student science and/or research clubs	**49.43%** 43	**36.78%** 32	**13.79%** 12	87	1.64
Other non-departmental science outreach groups	**56.98%** 49	**19.77%** 17	**23.26%** 20	86	1.66

Q8 Over the last few years have you seen (check all that apply)

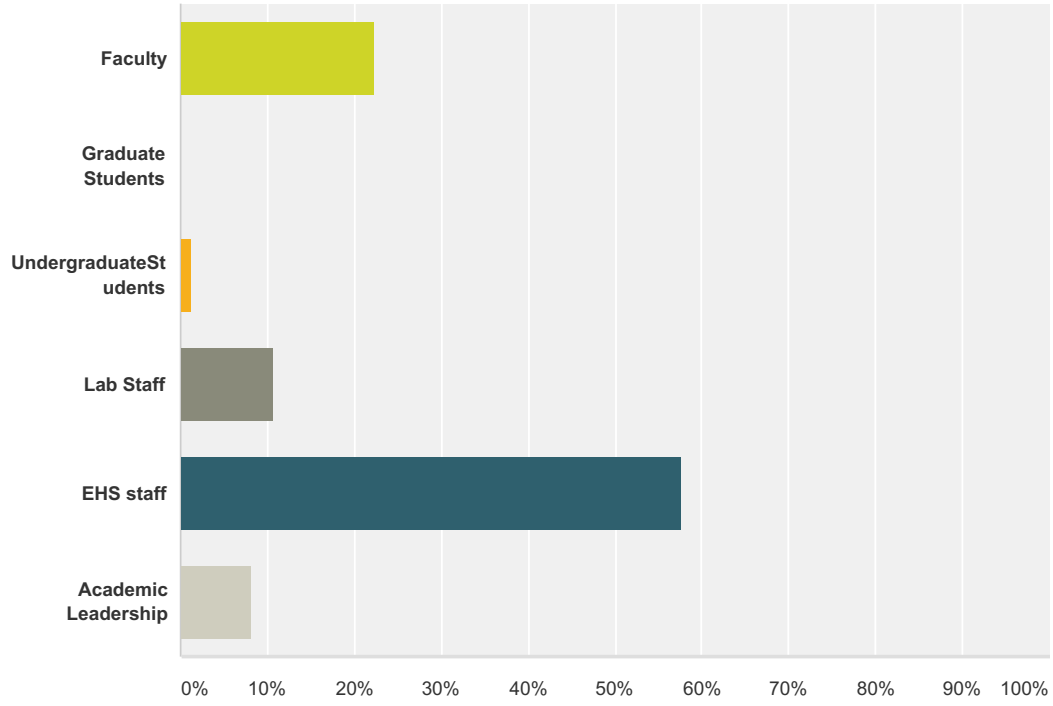
Answered: 84 Skipped: 3



	improvement	no change	decline	Total	Weighted Average
change in training programs	**83.33%** 70	**14.29%** 12	**2.38%** 2	84	1.19
change in safety culture at your institution	**71.43%** 60	**27.38%** 23	**1.19%** 1	84	1.30

Q9 Who is the primary driver of lab safety culture at your institution?:

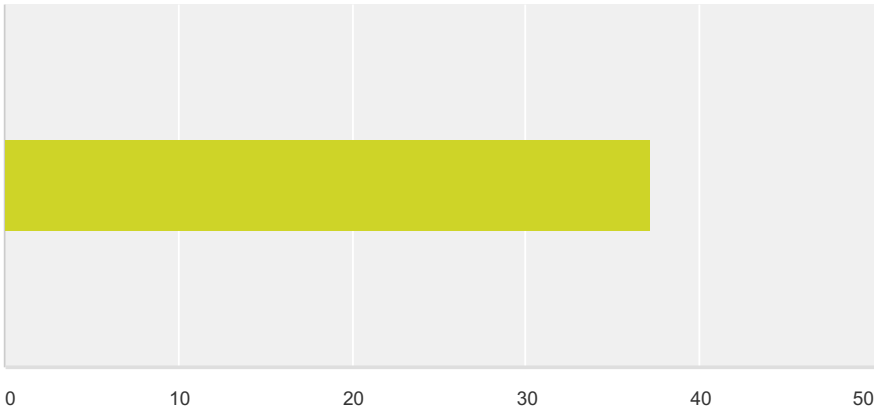
Answered: 85 Skipped: 2



Answer Choices	Responses	
Faculty	**22.35%**	19
Graduate Students	**0.00%**	0
UndergraduateStudents	**1.18%**	1
Lab Staff	**10.59%**	9
EHS staff	**57.65%**	49
Academic Leadership	**8.24%**	7
Total		**85**

Q10 Please indicatethe percentage of EHS training done in person vs on-lineat your institution:

Answered: 75 Skipped: 12



Answer Choices	Average Number	Total Number	Responses
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Total Respondents: 75			

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9	50	9/21/2016 2:43 PM
10	83	9/21/2016 2:31 PM
11	91	9/21/2016 1:55 PM
12	24	9/21/2016 1:42 PM
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22	73	9/21/2016 8:07 AM
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30	42	9/20/2016 12:47 PM
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33	86	9/20/2016 10:54 AM
34	74	9/20/2016 10:38 AM
35	0	9/20/2016 10:19 AM
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68	1	9/19/2016 2:38 PM
69	0	9/19/2016 2:27 PM
70	0	9/19/2016 2:25 PM
71	87	9/19/2016 2:22 PM
72	34	9/19/2016 2:21 PM
73	0	9/19/2016 2:20 PM
74	50	9/19/2016 2:10 PM
75	0	9/19/2016 1:58 PM

Q11 How do you measurethesuccess of your lab training program?

Answered: 79 Skipped: 8

Answer Choices	Responses	
Indicator 1	**100.00%**	79
Indicator 2	**69.62%**	55
Indicator 3	**44.30%**	35

#	Indicator 1	Date
1	None	9/26/2016 8:33 PM
2	Department taking ownership	9/23/2016 4:35 PM
3	Compliance	9/23/2016 8:37 AM
4	Lab Audits	9/22/2016 1:12 AM
5	number of accidents	9/22/2016 1:10 AM
6	examination	9/22/2016 12:23 AM
7	Reported injuries	9/21/2016 5:17 PM
8	Attendee feedback	9/21/2016 4:44 PM
9	safety quiz scores	9/21/2016 4:25 PM
10	nobody gets injured or dies	9/21/2016 2:43 PM
11	Participation in required and recommended training	9/21/2016 2:31 PM
12	Unknown	9/21/2016 2:25 PM
13	Laboratory Inspection porgram	9/21/2016 1:55 PM
14	track attendance	9/21/2016 1:42 PM
15	Assess the number of spills and incidents	9/21/2016 1:08 PM
16	No real measuring methods - just mainly watching how students participate while in lab and how they treat chemicals/themselves	9/21/2016 12:55 PM
17	absence of incidents	9/21/2016 12:50 PM
18	Completion of exam/passing	9/21/2016 12:50 PM
19	Trainee feedback	9/21/2016 11:48 AM
20	reduction of the number of incidents and accidents	9/21/2016 11:30 AM
21	Completion of required classes	9/21/2016 10:46 AM
22	student confidence vs fear of lab work	9/21/2016 9:56 AM
23	number of researchers trained	9/21/2016 9:32 AM
24	Training Completion Rates	9/21/2016 9:01 AM
25	Reduced accidents and injuries	9/21/2016 9:01 AM
26	changes in lab behavior	9/21/2016 8:55 AM
27	Behavior	9/21/2016 8:49 AM
28	percentage of completed training	9/21/2016 8:07 AM
29	No accidents and injuries	9/21/2016 7:52 AM

30	compliance check on lab inspections	9/21/2016 7:45 AM
31	Safe and healthful work habits by students	9/20/2016 10:14 PM
32	safety quizzes for students	9/20/2016 5:26 PM
33	Reduction in incident reports	9/20/2016 5:15 PM
34	Proactive implementation of process risk assessment	9/20/2016 12:53 PM
35	no measurements have be done	9/20/2016 12:47 PM
36	compliance during inspections - are they doing what they were taught	9/20/2016 11:48 AM
37	Students policing and encouraging each other.	9/20/2016 11:47 AM
38	Percent of compliance (those who took the needed training)	9/20/2016 10:38 AM
39	students complete trainings and sign contracts	9/20/2016 10:19 AM
40	Observed behavior	9/20/2016 9:37 AM
41	Numbers of attendees	9/20/2016 9:21 AM
42	Faculty participation	9/20/2016 9:19 AM
43	number of attendees	9/20/2016 9:18 AM
44	improvements observed during safety audits	9/20/2016 8:39 AM
45	Audit findings	9/20/2016 8:38 AM
46	numbers	9/20/2016 8:17 AM
47	evaluation (exam)	9/20/2016 8:12 AM
48	Attendance	9/20/2016 8:11 AM
49	Lab Inspections	9/20/2016 7:58 AM
50	Faculty awareness and questions asked of lab staff	9/20/2016 7:54 AM
51	% completion rate for required training	9/20/2016 7:10 AM
52	Increased training attendance.	9/20/2016 7:04 AM
53	Number of accidentd	9/20/2016 6:18 AM
54	Completion of risk assessments	9/20/2016 2:17 AM
55	Reporting of near misses	9/19/2016 10:45 PM
56	Annual lab inspection metrics and trends in accidents/incidents	9/19/2016 5:28 PM
57	reportable incident frequency	9/19/2016 4:58 PM
58	compliance/attendance of required training	9/19/2016 4:41 PM
59	number of incidents reported	9/19/2016 3:58 PM
60	numbers of individuals that complete required training	9/19/2016 3:56 PM
61	No serious accidents or injuries	9/19/2016 3:43 PM
62	it is not measured	9/19/2016 3:20 PM
63	Quick response tests	9/19/2016 3:18 PM
64	Lack of lab accidents	9/19/2016 3:11 PM
65	Less lab incidents	9/19/2016 3:08 PM
66	Accidents	9/19/2016 3:03 PM
67	number of accident	9/19/2016 3:02 PM
68	We do not have an indicator of success	9/19/2016 3:01 PM
69	Lab Inspections	9/19/2016 2:59 PM
70	performance based	9/19/2016 2:51 PM

71	Accident Rate	9/19/2016 2:45 PM
72	Observing safe practices in the lab	9/19/2016 2:42 PM
73	minimum incidents	9/19/2016 2:38 PM
74	no direct measure	9/19/2016 2:27 PM
75	physically monitoring laboratories and seeing positive change	9/19/2016 2:25 PM
76	Inspection metrics	9/19/2016 2:22 PM
77	no good method as of yet	9/19/2016 2:21 PM
78	Surveys	9/19/2016 2:10 PM
79	in lab observations of housekeeping practices	9/19/2016 1:58 PM
#	**Indicator 2**	**Date**
1	Partnership with EHS	9/23/2016 4:35 PM
2	# of employees trained	9/23/2016 8:37 AM
3	Implementation of policies & procedures	9/22/2016 1:12 AM
4	number of safety violations	9/22/2016 1:10 AM
5	performance	9/22/2016 12:23 AM
6	Reported lab incidents	9/21/2016 5:17 PM
7	Incident data (number, type, root cause, etc)	9/21/2016 4:25 PM
8	repeat - and add that proper safety procedures are identifiable and followed	9/21/2016 2:43 PM
9	Performance on lab safety surveys which occur about every 16 months	9/21/2016 2:31 PM
10	Laboraotry Safety Committees	9/21/2016 1:55 PM
11	monitor lab accidents/release statistics	9/21/2016 1:42 PM
12	Number of safety items noted during surveillance visits	9/21/2016 1:08 PM
13	reports from alumni about value of the program	9/21/2016 12:50 PM
14	Compliance	9/21/2016 11:48 AM
15	reputation of graduates who get jobs and have a working knowledge of laboratory safety from day one.	9/21/2016 11:30 AM
16	individual ownership of safety	9/21/2016 9:56 AM
17	Inspection Findings	9/21/2016 9:01 AM
18	Reduced violations	9/21/2016 9:01 AM
19	Laboratory housekeeping improvement	9/21/2016 8:49 AM
20	PI & students feel fre to contact EHS with questions/concerns	9/21/2016 7:52 AM
21	Student questions and comments re what is safe	9/20/2016 10:14 PM
22	Reduction in near miss reports	9/20/2016 5:15 PM
23	Safety inquiry prior to new processes, rather than after an incident/injury	9/20/2016 12:53 PM
24	contacts to EHS prior to doing things that are out of the ordinary - pro-active instead of re-active	9/20/2016 11:48 AM
25	count number of incidents	9/20/2016 10:19 AM
26	lab inspections	9/20/2016 9:37 AM
27	record of incidences	9/20/2016 9:21 AM
28	Academic administration support	9/20/2016 9:19 AM
29	departments represented	9/20/2016 9:18 AM
30	voluntary participation	9/20/2016 8:39 AM
31	types of incidents	9/20/2016 8:38 AM

32	# accident	9/20/2016 8:12 AM
33	Behavior	9/20/2016 8:11 AM
34	Fewer accidents	9/20/2016 7:54 AM
35	Results of laboratory inspections	9/20/2016 7:10 AM
36	Increased outreach from researchers for assistance.	9/20/2016 7:04 AM
37	Number of incidents	9/20/2016 6:18 AM
38	Number of incidents	9/20/2016 2:17 AM
39	CSHEMA Safety Climate Survey	9/19/2016 5:28 PM
40	training quiz scores	9/19/2016 4:58 PM
41	feedback from attendees	9/19/2016 4:41 PM
42	number of courses offered	9/19/2016 3:56 PM
43	no/few near misses in lab	9/19/2016 3:43 PM
44	Reduction in non-compliances found during inspections	9/19/2016 3:11 PM
45	Better collaboration between researchers and EH&S	9/19/2016 3:08 PM
46	Violations during inspections	9/19/2016 3:03 PM
47	preparation quiz	9/19/2016 3:02 PM
48	Injury rates	9/19/2016 2:59 PM
49	incident decline	9/19/2016 2:51 PM
50	Receiving requests for more information	9/19/2016 2:42 PM
51	incidents minor	9/19/2016 2:38 PM
52	monitor performance	9/19/2016 2:27 PM
53	Training numbers	9/19/2016 2:22 PM
54	Visual inspection	9/19/2016 2:10 PM
55	feedback from participants	9/19/2016 1:58 PM
#	**Indicator 3**	**Date**
1	overall results of audits	9/23/2016 8:37 AM
2	Response	9/22/2016 1:12 AM
3	Reports lab spills, etc.	9/21/2016 5:17 PM
4	compliance	9/21/2016 4:25 PM
5	repeat - and questions are asked prior to events instead of after the event	9/21/2016 2:43 PM
6	Accident/incident investigations and determination of root cause.	9/21/2016 2:31 PM
7	Use of PPE	9/21/2016 1:55 PM
8	informal feedback from departments	9/21/2016 1:42 PM
9	Accreditation site visit comments/recommendations	9/21/2016 1:08 PM
10	Injury rates	9/21/2016 11:48 AM
11	# of improvements identified	9/21/2016 9:56 AM
12	Incident Rates (?)	9/21/2016 9:01 AM
13	Reduced lab safety survey deficiencies	9/21/2016 9:01 AM
14	Overall safety culture of lab	9/21/2016 8:49 AM
15	Safety and health-related questions on exams--lab quizzes and lecture exams	9/20/2016 10:14 PM
16	Reduction in amount of incorrect waste handling	9/20/2016 5:15 PM

17	Greater hazard recognition and requests for assistance in risk assessment and SOP development	9/20/2016 12:53 PM
18	incident management	9/20/2016 9:37 AM
19	individual conversations	9/20/2016 9:21 AM
20	Lab safety practices reflect training	9/20/2016 9:19 AM
21	Feedback from researchers	9/20/2016 8:38 AM
22	custumer satisfaction	9/20/2016 8:12 AM
23	Feedback	9/20/2016 8:11 AM
24	injuries and illnesses	9/20/2016 7:10 AM
25	Lower number of findings in inspections and higher rate of response to inspection reports.	9/20/2016 7:04 AM
26	Number of trained lab staff	9/20/2016 6:18 AM
27	Feedback from stakeholders	9/20/2016 2:17 AM
28	end of semester student evaluations Re: safety	9/19/2016 4:58 PM
29	no/few chemistry accidents in homes by my students	9/19/2016 3:43 PM
30	Attitude of lab personnel	9/19/2016 3:11 PM
31	Reports of violations	9/19/2016 3:03 PM
32	respect of safety requirements	9/19/2016 3:02 PM
33	questions from labs	9/19/2016 2:51 PM
34	Positive lab inspections	9/19/2016 2:42 PM
35	Accident rates	9/19/2016 2:22 PM

Q12 How do you market your lab safety programs:

Answered: 77 Skipped: 10

Answer Choices	Responses	
Method 1	**100.00%**	77
Method 2	**74.03%**	57
Method 3	**53.25%**	41

#	Method 1	Date
1	Talks and conferences in academic events	9/26/2016 8:33 PM
2	Electronic communication	9/23/2016 4:35 PM
3	Verbally	9/23/2016 8:37 AM
4	Required for chem majors and student researchers	9/22/2016 4:29 PM
5	Website	9/22/2016 1:12 AM
6	It's required to get lab access.	9/22/2016 1:10 AM
7	lecture	9/22/2016 12:23 AM
8	Newsletters	9/21/2016 5:17 PM
9	Internet (website)	9/21/2016 4:44 PM
10	I don't have to, they are integrated into the chemistry department curriculum.	9/21/2016 4:25 PM
11	direct contact	9/21/2016 2:43 PM
12	In person consultation during laboratory safety surveys by EH&S staff	9/21/2016 2:31 PM
13	Word of mouth	9/21/2016 2:25 PM
14	Safety Committees	9/21/2016 1:55 PM
15	on-line	9/21/2016 1:42 PM
16	Faculty Foras	9/21/2016 1:08 PM
17	we are a small school - we don't really market it at all	9/21/2016 12:55 PM
18	Apart from the curriculum-related program, we have nothing special.	9/21/2016 12:50 PM
19	website	9/21/2016 12:50 PM
20	Web site	9/21/2016 11:48 AM
21	This is a department that has led the way on campus and the Dept of Chemistry and Biochemistry has a reputation of having a good laboratory safety program.	9/21/2016 11:30 AM
22	discussed during lab audits	9/21/2016 10:46 AM
23	We do not	9/21/2016 9:32 AM
24	Website	9/21/2016 9:01 AM
25	Social media	9/21/2016 9:01 AM
26	outreach to department chairs	9/21/2016 8:55 AM
27	Personnel interaction	9/21/2016 8:49 AM
28	Reach out to departments	9/21/2016 8:07 AM
29	Through our initial hands-on training	9/21/2016 7:52 AM

30	Web page	9/21/2016 7:45 AM
31	in the classroom	9/20/2016 5:26 PM
32	Some are required	9/20/2016 5:15 PM
33	Campus safety committee newsletter	9/20/2016 12:53 PM
34	online	9/20/2016 12:47 PM
35	mainly via email	9/20/2016 11:48 AM
36	EMAIL	9/20/2016 10:54 AM
37	Word of Mouth	9/20/2016 10:38 AM
38	email	9/20/2016 10:19 AM
39	Required annual safety awareness (including lab safety) training for new and existing faculty	9/20/2016 9:37 AM
40	email	9/20/2016 9:21 AM
41	Collaborative efforts with faculty	9/20/2016 9:19 AM
42	lab safety surveys	9/20/2016 9:18 AM
43	Website	9/20/2016 8:38 AM
44	institutional memory	9/20/2016 8:17 AM
45	madatory according to RH	9/20/2016 8:12 AM
46	Training	9/20/2016 8:11 AM
47	Webpage	9/20/2016 7:58 AM
48	Safety bulletin boards	9/20/2016 7:54 AM
49	safety reps in each lab	9/20/2016 7:10 AM
50	Graduate student safety engagement program.	9/20/2016 7:04 AM
51	Via faculty	9/20/2016 6:18 AM
52	Safety committees with stakeholder representation/participation	9/20/2016 2:17 AM
53	EHS commitee	9/19/2016 10:45 PM
54	Through Key Contacts designaged at each college/department	9/19/2016 5:28 PM
55	mandatory	9/19/2016 4:58 PM
56	Through training	9/19/2016 4:41 PM
57	department meetings	9/19/2016 3:58 PM
58	through our safety advisor team doing annual audits	9/19/2016 3:56 PM
59	we don't	9/19/2016 3:43 PM
60	beginning to market - don't really do it yet.	9/19/2016 3:20 PM
61	Compulsory,no marketing	9/19/2016 3:18 PM
62	newsletter	9/19/2016 3:11 PM
63	Email invitations to all departements for the training sessions	9/19/2016 3:08 PM
64	No training, no work, no funding	9/19/2016 3:03 PM
65	?	9/19/2016 3:02 PM
66	During lab safety training	9/19/2016 3:01 PM
67	email	9/19/2016 2:52 PM
68	EH&S website	9/19/2016 2:51 PM
69	Word of mouth	9/19/2016 2:45 PM
70	PPE Give-aways every semester	9/19/2016 2:42 PM

71	Beginning of year blitz	9/19/2016 2:38 PM
72	student assistants and researchers are required to participate	9/19/2016 2:27 PM
73	Face to face interaction with PI and researchers	9/19/2016 2:25 PM
74	Website	9/19/2016 2:22 PM
75	Direct outreach via Lab Safety Advisors	9/19/2016 2:21 PM
76	Email	9/19/2016 2:10 PM
77	electronic screen displays in appropriate buildings	9/19/2016 1:58 PM
#	**Method 2**	**Date**
1	Buy-in and commitment by the safety committees	9/23/2016 4:35 PM
2	Written comunications	9/23/2016 8:37 AM
3	Required for biology teaching majors	9/22/2016 4:29 PM
4	University monthly newsletter	9/22/2016 1:12 AM
5	demonstrate	9/22/2016 12:23 AM
6	Safety meetings	9/21/2016 5:17 PM
7	Policies	9/21/2016 4:44 PM
8	email	9/21/2016 2:43 PM
9	General and specific newsletters to our research community	9/21/2016 2:31 PM
10	EHS Profesionals	9/21/2016 1:55 PM
11	through various university committees	9/21/2016 1:42 PM
12	One-on-One consultations	9/21/2016 1:08 PM
13	trainings	9/21/2016 12:50 PM
14	Online training	9/21/2016 11:48 AM
15	newsletter	9/21/2016 10:46 AM
16	Personal interaction	9/21/2016 9:01 AM
17	Website	9/21/2016 9:01 AM
18	meetings & collaboration with lab safety coordinators	9/21/2016 8:55 AM
19	E-Mail	9/21/2016 8:49 AM
20	Constant contact with labs/personnel	9/21/2016 7:52 AM
21	University communications newsletter	9/21/2016 7:45 AM
22	email	9/20/2016 5:15 PM
23	Collaborative meetings with campus/school/college/department/research group safety personnel	9/20/2016 12:53 PM
24	training	9/20/2016 12:47 PM
25	TALK TO PERSON	9/20/2016 10:54 AM
26	Website	9/20/2016 10:38 AM
27	course syllabi	9/20/2016 10:19 AM
28	Created a department Safety Liaison program with regular meetings and online communication for Liaisons	9/20/2016 9:37 AM
29	face-to-face	9/20/2016 9:21 AM
30	Safety Programs on EH&S website	9/20/2016 9:19 AM
31	new employee orientation	9/20/2016 9:18 AM
32	Through discussion at audits	9/20/2016 8:38 AM
33	word of mouth/networking	9/20/2016 8:17 AM

34	Department requirement	9/20/2016 8:12 AM
35	Inspections	9/20/2016 8:11 AM
36	Dept Safety Individuals	9/20/2016 7:58 AM
37	website	9/20/2016 7:10 AM
38	Messages from university leadership, Provost, VPR.	9/20/2016 7:04 AM
39	Via department safety committees	9/20/2016 6:18 AM
40	Student involvement	9/20/2016 2:17 AM
41	New Employee Orientation	9/19/2016 5:28 PM
42	part of the curriculum	9/19/2016 4:58 PM
43	Outreach - safety committees	9/19/2016 4:41 PM
44	email	9/19/2016 3:58 PM
45	a bi-monthly newsletter	9/19/2016 3:56 PM
46	one-on-one contact	9/19/2016 3:11 PM
47	Poster invitations to lab training sessions	9/19/2016 3:08 PM
48	?	9/19/2016 3:02 PM
49	Targeted out reach to laboratories based on hazards and research type	9/19/2016 3:01 PM
50	during lab compliace inspections	9/19/2016 2:51 PM
51	Newsletter - The WastePaper	9/19/2016 2:42 PM
52	weekly part of lab report	9/19/2016 2:38 PM
53	faculty talk about the importance of safety in classes and during research	9/19/2016 2:27 PM
54	Posters	9/19/2016 2:22 PM
55	Contact and outreach with New Faculty	9/19/2016 2:21 PM
56	Facebook	9/19/2016 2:10 PM
57	scut work	9/19/2016 1:58 PM
#	**Method 3**	**Date**
1	In-person orientations and meetings	9/23/2016 8:37 AM
2	Email	9/22/2016 1:12 AM
3	Reports	9/21/2016 5:17 PM
4	general web announcement	9/21/2016 2:43 PM
5	EHS, Office of Research, and other web sites	9/21/2016 2:31 PM
6	mass communications	9/21/2016 1:55 PM
7	written university publications	9/21/2016 1:42 PM
8	E-mail notifications	9/21/2016 1:08 PM
9	newsletters	9/21/2016 12:50 PM
10	Participation in university fairs	9/21/2016 11:48 AM
11	website	9/21/2016 10:46 AM
12	Email	9/21/2016 9:01 AM
13	University publications	9/21/2016 9:01 AM
14	News letter	9/21/2016 8:49 AM
15	Department Safety Coordinator listserve	9/21/2016 7:45 AM
16	Safety and HR websites	9/20/2016 5:15 PM

17	Hoping to develop a lab safety culture recognition program	9/20/2016 12:53 PM
18	Laboratory Audits	9/20/2016 10:38 AM
19	Feedback during regular lab services, e.g., waste collection, incident investigations, lab inspections, new research planning, EHS and other research compliance web sites	9/20/2016 9:37 AM
20	through surrogates	9/20/2016 9:21 AM
21	Health & Safety Committee	9/20/2016 9:19 AM
22	web page	9/20/2016 8:17 AM
23	website	9/20/2016 8:12 AM
24	Website	9/20/2016 8:11 AM
25	written materials	9/20/2016 7:10 AM
26	EHS relationship building with department chairs, principal investigators and researchers.	9/20/2016 7:04 AM
27	Via inspections	9/20/2016 6:18 AM
28	Events advertising and celebrating campus progress	9/20/2016 2:17 AM
29	Campus Newsletter articles and website	9/19/2016 5:28 PM
30	as essential to good research	9/19/2016 4:58 PM
31	through department chairs	9/19/2016 3:11 PM
32	Yearly presentations to higher management	9/19/2016 3:08 PM
33	?	9/19/2016 3:02 PM
34	Safety fairs and ad-hoc events	9/19/2016 3:01 PM
35	word of mouth	9/19/2016 2:51 PM
36	Posters	9/19/2016 2:42 PM
37	sending people home who are not properly attired	9/19/2016 2:38 PM
38	Social Media	9/19/2016 2:22 PM
39	EH&S services personnel during routine lab reviews	9/19/2016 2:21 PM
40	Bulletin boards	9/19/2016 2:10 PM
41	visible lab inspection	9/19/2016 1:58 PM

Q13 What innovative lab safety training or marketing approaches have you tried that are working (please describe):

Answered: 70 Skipped: 17

Answer Choices	Responses	
Approach 1	**100.00%**	70
Approach 2	**64.29%**	45
Approach 3	**35.71%**	25

#	Approach 1	Date
1	Safety as indicator of performing in evaluation of academic programs	9/26/2016 8:33 PM
2	Didactic with question and naswer session	9/23/2016 4:35 PM
3	In-person presentations to faculty and staff on safety importance as relates to what they do	9/23/2016 8:37 AM
4	Chemistry majors and students planning to do chemical research are required to take Chem 110: Laboratory Safety as a prereq.	9/22/2016 4:29 PM
5	Online	9/22/2016 1:12 AM
6	lab safety training is required before student or staff get keys to the lab.	9/22/2016 1:10 AM
7	demonstration	9/22/2016 12:23 AM
8	Campus-wide on line Lab Safety Training: Basic, Advanced, and Engineering-specific	9/21/2016 5:17 PM
9	Utilizing recent events as a catalyst/reminder	9/21/2016 4:44 PM
10	Put safety training video on YouTube to make it more accessable and relivant	9/21/2016 4:25 PM
11	More inspections	9/21/2016 2:43 PM
12	Lab safety seminar in autumn attended by 500+/- incoming graduate students that includes case studies and an expert panel from local businesses.	9/21/2016 2:31 PM
13	No safety training provided.	9/21/2016 2:25 PM
14	Tieing Inspection results to Olympic Medal results	9/21/2016 1:55 PM
15	Using a web-based survey tool to deliver, document, and track training programs.	9/21/2016 1:42 PM
16	Added Safety Guidance to Courses	9/21/2016 1:08 PM
17	require lab safety training for any/all students participating in any science lab (bio and/or chemistry)	9/21/2016 12:55 PM
18	Using "Laboratory Safety for Chemistry Students" throughout our chemistry curriculum	9/21/2016 12:50 PM
19	Lab protocol notebooks	9/21/2016 11:48 AM
20	Mandatory lab safety training on Moodle for all chemistry research students in Chemistry & Biochemistry before they are allowed access to a lab for research.	9/21/2016 11:30 AM
21	none- we don't do anything innovative	9/21/2016 10:46 AM
22	identifying lab safety officers (safety rep) for each lab group	9/21/2016 9:32 AM
23	safety events	9/21/2016 8:55 AM
24	Short video	9/21/2016 8:49 AM
25	none, just classroom training and online training	9/21/2016 8:07 AM
26	Hands on training, lots of pictures, visiting labs	9/21/2016 7:52 AM
27	Hazwaste poster with QR Code link with video clip on how to prepare waste in the lab	9/21/2016 7:45 AM

28	online chemical inventory	9/20/2016 5:26 PM
29	More flexible reporting and tracking with our online training.	9/20/2016 5:15 PM
30	Collaborative EH&S and graduate student working groups	9/20/2016 12:53 PM
31	Departmental Safety contacts	9/20/2016 12:47 PM
32	customized training for various departments (art, photography, engineeering, health sciences)	9/20/2016 11:48 AM
33	chemical splash goggles are available everywhere in the building.	9/20/2016 11:47 AM
34	Implemented a new training system-Vivid System	9/20/2016 10:54 AM
35	Moving from Powerpoint slides to videos	9/20/2016 10:38 AM
36	all chem and bio students attend a manditory meeting at the start of their career, team-presented by all science faculty	9/20/2016 10:19 AM
37	Highlight reports on safety in higher ed to top executives	9/20/2016 9:37 AM
38	asking for invitations to classes	9/20/2016 9:21 AM
39	Lab Inspections	9/20/2016 9:19 AM
40	gift card	9/20/2016 9:18 AM
41	none	9/20/2016 8:17 AM
42	Online	9/20/2016 8:11 AM
43	Target Dept Safety personnel	9/20/2016 7:58 AM
44	Introductory lab safety presentation geared for specific courses/lab space	9/20/2016 7:54 AM
45	contests (making safety videos or other competition)	9/20/2016 7:10 AM
46	Graduate student safety engagement initiative.	9/20/2016 7:04 AM
47	Establishing EHS Management System (OHSAS 18001 like)	9/20/2016 2:17 AM
48	one on one approach	9/19/2016 10:45 PM
49	Web based followed by sign off from a mentor (i.e., compressed gas safety, pryophoric liquids)	9/19/2016 5:28 PM
50	refresher training every semester	9/19/2016 4:58 PM
51	designong a CBT for easier access	9/19/2016 3:58 PM
52	during lab audits, requiring a list of staff performing specific duties, that then require specific training courses be completed. Following up to ensure compliance.	9/19/2016 3:56 PM
53	Using FlinnPrep Lab Safety Online Training	9/19/2016 3:43 PM
54	nothing yet	9/19/2016 3:20 PM
55	PP on GHS (no feedback yet)	9/19/2016 3:18 PM
56	More on-line training	9/19/2016 3:11 PM
57	Online refresh training	9/19/2016 3:08 PM
58	offer prescription safety glasses	9/19/2016 3:02 PM
59	Workshop-style training for the physical science graduate students/staff/faculty that focuses on hazard identification, risk assessment, and control	9/19/2016 3:01 PM
60	EH&S town meetings	9/19/2016 2:59 PM
61	Face to face communication during LCI's	9/19/2016 2:51 PM
62	NA	9/19/2016 2:45 PM
63	PPE fairs with giveaways	9/19/2016 2:42 PM
64	POGIL	9/19/2016 2:38 PM
65	assistant training includes hands-on sessions for compressed gases, spills, neutralization	9/19/2016 2:27 PM
66	Lab safety driven EHS is new to this institution	9/19/2016 2:25 PM

67	Involved campus mascot in safety materials	9/19/2016 2:22 PM
68	Direct interaction at lab level	9/19/2016 2:21 PM
69	Practical "in lab" safety training of teaching assistants and faculty	9/19/2016 2:10 PM
70	Hosting ACS lab safety webinar	9/19/2016 1:58 PM
#	**Approach 2**	**Date**
1	Inform about incidents in lab	9/26/2016 8:33 PM
2	Online	9/23/2016 4:35 PM
3	Primary Investigator Training and Orientations	9/23/2016 8:37 AM
4	Chemical hazard risk assessment is performed with research students prior to starting lab work.	9/22/2016 4:29 PM
5	Limiting access	9/22/2016 1:12 AM
6	Open enrollment, in person Lab Safety Trainings	9/21/2016 5:17 PM
7	hands-on training	9/21/2016 2:43 PM
8	Lab safety initiative focusing on 10% of our PIs with complex labs that face challenges with safety. Increased oversight and support with a goal to identify barriers to safety and then apply what we learn to the balance of campus.	9/21/2016 2:31 PM
9	newletter poster	9/21/2016 1:55 PM
10	One-on-one consultations with EHS professional	9/21/2016 1:08 PM
11	summer lab safety training for all summer research students, taught by myself	9/21/2016 12:55 PM
12	Lab housekeeping pilot programs	9/21/2016 11:48 AM
13	Instruction of existing faculty on the importance of safety training for their students. We are a big learn by doing university and it is important to our faculty that the reputation of our graduates is high. We have gotten them to realize that the integration of laboratory safety in their cirriculum helps their graduates be competitive when they look for jobs: hazard and risk analysis, proper PPE, etc.	9/21/2016 11:30 AM
14	hosting lab safety officer meetin/presentations twice a year	9/21/2016 9:32 AM
15	"electronic" bulletin boards	9/21/2016 8:55 AM
16	Safety moment	9/21/2016 8:49 AM
17	Offer free hazmat shipping training by external consultant	9/21/2016 7:45 AM
18	formation of an environmental safety committee at the university level	9/20/2016 5:26 PM
19	Separate YouTube server with training videos	9/20/2016 5:15 PM
20	Multi-disciplinary campus chemical and laboratory safety committee and accompanying quarterly newsletter	9/20/2016 12:53 PM
21	Lab specific safety contacts	9/20/2016 12:47 PM
22	Juniors preparing for Senior research projects are given lab coats and training beyond general lab classroom discussions.	9/20/2016 11:47 AM
23	Working on PI training	9/20/2016 10:38 AM
24	Cooperate with Board of Trustees to apply pressure on departments and research groups	9/20/2016 9:37 AM
25	online lab safety modules in general chemistry	9/20/2016 9:21 AM
26	Collaborative interaction with faculty	9/20/2016 9:19 AM
27	t-shirts	9/20/2016 9:18 AM
28	Lecture	9/20/2016 8:11 AM
29	Safety bulletin board with information about current experiment	9/20/2016 7:54 AM
30	Attending lab group meetings	9/20/2016 7:10 AM
31	Interactive, scenario based live training with online prerequisites that cover basics.	9/20/2016 7:04 AM
32	EHS empowerment of community	9/20/2016 2:17 AM
33	Team values	9/19/2016 10:45 PM

34	Short in house videos with a theme around first time work in a lab	9/19/2016 5:28 PM
35	refresher training in every chem lab	9/19/2016 4:58 PM
36	PP on SDS (idem)	9/19/2016 3:18 PM
37	Standing classes offered each month	9/19/2016 3:11 PM
38	Support risk analyses discussions within the research group	9/19/2016 3:08 PM
39	have Nomex or non-flammable labcoat	9/19/2016 3:02 PM
40	Substituting some checklist-style safety inspections with a brief meeting between EH&S staff member and PI to discuss how safety department can best serve the needs of the lab. This is coupled with a similar meeting with lab staff and providing a self-inspection checklist for the lab to conduct a self-review (no requirement to send results to safety office)	9/19/2016 3:01 PM
41	Robust campus-wide faculty led safety committees	9/19/2016 2:59 PM
42	Break-out groups to work through safety culture issues	9/19/2016 2:42 PM
43	Social media	9/19/2016 2:22 PM
44	Safety Challenges/Social media/bulletin board	9/19/2016 2:10 PM
45	Work with undergrad chemistry club to raise safety awareness	9/19/2016 1:58 PM
#	**Approach 3**	**Date**
1	We are working on online training	9/26/2016 8:33 PM
2	Online lab safety modules for all employees working in labs	9/23/2016 8:37 AM
3	Requirements before work	9/22/2016 1:12 AM
4	Project Safety Analysis (PSA), which identifies hazards, assesses risk of such hazards, and determines appropriate controls on case-by-case basis including specifying training	9/21/2016 5:17 PM
5	web-based training	9/21/2016 2:43 PM
6	Improved online safety training and clarity on responsibility for safety.	9/21/2016 2:31 PM
7	in-person trainings	9/21/2016 1:55 PM
8	Faculty Foras	9/21/2016 1:08 PM
9	Competitions to create lab safety videos	9/21/2016 11:48 AM
10	Posters with school mascot demonstrating PPE	9/20/2016 5:15 PM
11	New learning management system	9/20/2016 10:38 AM
12	Provide EHS support to department chairs attempting to effect change	9/20/2016 9:37 AM
13	no lab access cards without safety training	9/20/2016 9:21 AM
14	posters	9/20/2016 9:18 AM
15	Document review	9/20/2016 8:11 AM
16	Awards	9/20/2016 7:10 AM
17	Undergraduate outreach including, guest safety lectures in freshman undergraduate chemistry classes, safety lectures at structured undergraduate research program classes, and a specific training course for undergraduates in research labs.	9/20/2016 7:04 AM
18	Distributing targeted messages to users of specific chemicals or processes after there's been an incident at another university	9/19/2016 5:28 PM
19	separate training for chem research students	9/19/2016 4:58 PM
20	Incorporate lessons learned in mandatory safety training	9/19/2016 3:08 PM
21	?	9/19/2016 3:02 PM
22	Every research group has one or more lab safety officers	9/19/2016 2:59 PM
23	PAWS for Safety - reward cards with PAW points, which is currency the University community can use to purchase food or other goods.	9/19/2016 2:42 PM

24	Laboratory inspection	9/19/2016 2:10 PM
25	Conduct summer training for undergrad research students	9/19/2016 1:58 PM

Q14 Do you have any general thoughts to share about how EHS can support improvement of lab safety culture?

Answered: 59 Skipped: 28

#	Responses	Date
1	Has to be a team effort. The 2008 accident at UCLA is unfortunate and every C/U should strive to avoid experiencing it on its campus.	9/23/2016 4:35 PM
2	Create a partnership with faculty and staff so that all are informed and all are working towards the best processes. Stress the importance of safety culture as part of educational experience.	9/23/2016 8:37 AM
3	Increase awareness and accountability.	9/22/2016 4:29 PM
4	Posters Guest Speakers	9/22/2016 1:12 AM
5	Show the consequence of not being prepared for emergencies. Most people value their health and limbs. Works here!	9/22/2016 1:10 AM
6	Not yet	9/22/2016 12:23 AM
7	EHS can initiate and support an ongoing culture of laboratory safety by being consistent and persistent, and accepting "baby steps." which add up to major progress over time. Conducting training needs assessments and marketing needs assessments will help as well. And, always communicate/show the benefits of having proactive EH&S and Laboratory Safety Programs in place.	9/21/2016 5:17 PM
8	I said 50/50 to question 13, but I want to be clear that even the 'online' training is EHS staff in a video so it is personal and institution specific, not generic online training. To support the improvement of lab safety culture I think two things are critical: 1) Get on page with the most influential faculty. If you aren't working with these people you will always be fighting an uphill battle. 2) Take your training to a deeper level... Don't just train people what to do to use a piece of equipment safely, but train them how to look for hazards, how to analyze them, how to select proper controls, etc. Train them that their safety depends on their knowledge AND their behavior. If they understand that they have skin in the game, they are likely to play differently. Basically, try to reproduce little EHS professionals in every lab student.	9/21/2016 4:25 PM
9	Look beyond the degree and the time that individuals have participated in lab experiences. Anyone can and will make a mistake if they are not following proper procedures. Don't ever be intimidated by the stature of the individual that is failing to keep their lab, students, or university safe.	9/21/2016 2:43 PM
10	Barriers to safety appear to be associated with resources and clarity in responsibilities. Helping busy PIs with virtual and shared lab managers may help. Clear expectations about safety expectations from University leadership has already made some different with some complex laboratories in our lab safety initiative. Improved training programs appear to be part of the solution as well. Incentives and recognition of top performers can also help. Categorizing laboratories based upon chemical safety levels so that oversight and support may be directed to the most complex labs will help. More will be learned in the next few years.	9/21/2016 2:31 PM
11	Lab Safety Culture starts in the undergraduate teaching labs. We have a very strong commitment from the School of Arts and Science in this area.	9/21/2016 1:55 PM
12	Provide supportive services. Provide written guidance. Make tools and resources available for self directed assessment activities.	9/21/2016 1:08 PM
13	There is a balance between lab safety and lab policing. Don't punish the 99% for the errs of the 1%. Discuss potential problems with students (instead of yelling), and try to get them to understand why it is we want them to follow certain paths and why we want them to avoid others.	9/21/2016 12:55 PM
14	We have no "EHS" group at our college.	9/21/2016 12:50 PM
15	I am in EH&S now after working as a technician in Chem and Biochem for 20+ years. Our EH&S is supportive of the programs on campus but until recently was hands off on departmental safety. This is changing but it is limited.	9/21/2016 11:30 AM
16	They can more consistently accumulate and share/present safety data (training, inspection results, etc.) with high level admins (VP or provosts), who can really have an impact on safety culture at an institution. The first/primary impact lab safety staff can have on safety culture is educating higher level admin staff, who manage and allocate money. I have first hand experience with the bottom up approach, and it does not work! The approach needs to come from both the top and bottom for culture to truly change. I hope you will promote that approach as opposed to a bottom up approach that has a clear history of failure.	9/21/2016 9:32 AM

17	University administration - president, chancellor, provost, deans - need to understand better and buy in more fully to safety issues and discuss them more with everyone. EHS needs to drive this communication initially until it gets more ingrained in their heads. This will help drive Dept Heads and PIs to drive the culture in their areas. EHS also needs to continue driving a culture of safety from the "bottom up" in our interactions with individual labs and researchers.	9/21/2016 9:01 AM
18	Obtaining buy-in from academic leadership on safety culture, which will influence the PIs.	9/21/2016 9:01 AM
19	Interactions with faculties and lab personnel on regular basis. 2. Through lab inspections (not a check list).	9/21/2016 8:49 AM
20	We are addressing this at our institution as well....so far EHS is taking the lead and just trying to spread the message through training and education.	9/21/2016 8:07 AM
21	More human contact	9/21/2016 7:52 AM
22	Centralize some purchases such as lab coats and safety glasses as some California institutions have done. Provide some discretionary funding to EHS for quick fixes of lab issues (i.e eyewash safety shower installation; approved flammable refrigerators; AED installation in each building). The "who pays" always seems to become a barrier.	9/21/2016 7:45 AM
23	You need support at the top, otherwise it is a lost cause. Once the senior leadership is invested in safety, good things can happen.	9/21/2016 6:29 AM
24	Don't be nasty and/or treat people as though they were ignorant or deliberately being difficult...explain that you are trying to help everyone work more safely.	9/20/2016 10:14 PM
25	I am faculty/laboratory & safety coordinator. Make it easier to implement. I would like to have a list of items that I should be implementing in my chemistry department. What should be I be doing on a daily/weekly/monthly/yearly basis?	9/20/2016 5:26 PM
26	EH&S needs to be the conduit through which upper administrative support and expectations are relayed to the general campus research community. They should also be a complimentary mechanism of encouragement to faculty that augments an expectation of fostering a safety culture from the upper administration, and provides the faculty with guidance and support.	9/20/2016 12:53 PM
27	Same old answer. Need faculty and administrative support.	9/20/2016 12:47 PM
28	Provide more support. Our faculty and students always complain that EHS is only interested in inspections rather than helping people with specific problems.	9/20/2016 10:54 AM
29	Gaining support of executive management is key. Using metrics to support your findings is helpful in gaining management support.	9/20/2016 10:38 AM
30	Development of a lab safety seminar series to present and discuss new information and trends in certain areas of lab safety, highlight specific hot topics, discuss certain technical issues in more depth than can be accomplished during routine training, and answer questions. This, of course, requires a sufficiently staffed EHS office (some schools may have faculty who can supplement this effort) with the research and technical background to provide information of compelling interest. Of course the minimum effort that can be made is to provide continuous communication of compliance issues and EHS programs and services via email, web sites, and now, social media, to keep lab safety awareness at the forefront across campus. Every campus EHS group has this capability. It is absolutely essential that top level administrators be a part of all marketing for lab safety in some way. It must be understood that top administration is driving the effort and fully supports it.	9/20/2016 9:37 AM
31	Look for "touches" wherever possible. EHS needs to be present and visible in the labs, shops & studios, but with a tone of support rather than enforcement. Also, avoid overly general and arbitrary policies.	9/20/2016 9:21 AM
32	Involvement of all potentially impacted by poor lab practices including faculty, student, staff (building mechanics; custodial) an awareness of regulatory compliance and other best practices in a university that emphasizes undergraduate and graduate research.	9/20/2016 9:19 AM
33	we need to change our marketing to be more about how not following safety practices will restrict the person's quality of life and freedom	9/20/2016 9:18 AM
34	In-person interactions with the researchers. Be able to relate to them through research so they take you seriously as an EHS professional. Make baby steps for making the EHS dept known and a resource rather than the police.	9/20/2016 8:38 AM
35	we struggle to provide more meaningful numbers like a compliance rate rather than just numbers.	9/20/2016 8:17 AM
36	Make safety an academic topic for undergraduate lab and graduate research lab (master and Doctoral) as well.	9/20/2016 8:12 AM
37	Involvement from administration and students and strong safety committees.	9/20/2016 8:11 AM
38	Collect and share successes individual labs have with specific approaches. Seek out champions in the Faculty and solicit their help. Provide timely and accurate service to the labs to obtain credibility.	9/20/2016 7:10 AM

39	A commitment for safety communicated to the university community from the top administrators sets a strong foundation for a positive laboratory safety program.	9/20/2016 7:04 AM
40	Provide leadership to A safety committees of faculty B senior administration	9/20/2016 6:18 AM
41	Communication and involvement of community at all stages is key to EHS ownership. It is also helpful to be able to incentivize EHS.	9/20/2016 2:17 AM
42	Receive Officer Support, build relationships based on fact and value to the individuals.	9/19/2016 10:45 PM
43	Partnering with academic units to ensure safety education for undergraduates and new student workers and/or student volunteers	9/19/2016 5:28 PM
44	For us, there is no EHS dept. Lab manager and faculty coordinate training.	9/19/2016 4:58 PM
45	Many ways. Not a one path or single focus initiative. Must work high and low in the organization. Is an ongoing effort of improvement and requires many efforts ongoing.	9/19/2016 4:41 PM
46	It comes down to resources. the more resources available and the easier it is for them to get the information the better the culture will be.	9/19/2016 3:58 PM
47	we don't have an EHS dept or a CHO. Small school, I'm it. If I learn it and implement it, it happens, otherwise it doesn't.	9/19/2016 3:43 PM
48	no. I am new to EHS and still learning how to be a CHO.	9/19/2016 3:20 PM
49	Responses above refer to a Chemistry & Biochemistry Department. Progress toward a Lab safetry culture have been very slow.	9/19/2016 3:18 PM
50	Support of higher management is essential. They approved the institutional Politics and Rules about Lab health and safety .	9/19/2016 3:08 PM
51	The most valuable tool you can acquire is the support and the backing of the administrations - president, provost, lawyers, research board, chairs, etc	9/19/2016 3:03 PM
52	Reinforcing the customer-service aspect of EHS's role. Making EHS available as a helpful resource whenever possible and de-emphasizing (or debunking?) the enforcement aspect of our role in laboratory safety. Encouraging researchers to self-identify hazards and go to the EHS department for guidance on creating safety plans. Encouraging sharing of incident/nearmiss stories and hazard concerns within departments/schools. This means making a conscious effort not to view incident follow-ups as a punitive processes.	9/19/2016 3:01 PM
53	Be supportive and collaborative and not punitive.	9/19/2016 2:59 PM
54	Lab safety culture improvement must be a woven into the "budget" fabric, more specifically the NEASC-CIHE Accreditation process.	9/19/2016 2:51 PM
55	Persistence. Don't focus on just one thing - you have to do many things, many different types of things to find what will motivate. Model behavior - wear a lab coat, eye protection, long pants and closed-toe shoes whenever entering a lab; do a risk assessment of teaching labs and help ensure the safety culture in teaching is what you want to see in research; help PIs find easy ways to manage safety in their labs....and on and on and on.	9/19/2016 2:42 PM
56	authority would help, we can only suggest	9/19/2016 2:38 PM
57	do not have an EHS department. This year hired a Chemical Hygiene Technician to help academic departments with safety.	9/19/2016 2:27 PM
58	show your reseachers and PI's that you are a resource not a source of problems	9/19/2016 2:25 PM
59	Be approachable and make it a conversation instead of an act of intimidation.	9/19/2016 2:10 PM