

IMPLEMENTATION OF A SCORECARD SYSTEM BASED ON LAB VALIDATIONS AND POST-VALIDATION FOLLOW-UP

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SCORING

Section Score

0 - 4.9

5 -9.9

overall lab score

Lab & Department Score

• Being the first attempt, we faced the

challenge of tying in the data from our

iPad inspections into a logical, coherent

and aesthetically pleasing presentation.

• Having to manually enter inspection data

into a spreadsheet as well as into the

(

compliance' per section of the lab inspection form.

Labs assigned a color for each section and for an

CHALLENGES:

scorecard format.

· Labs graded on percentage of items 'out-of-

0 - 3

3.1 - 6

OBJECTIVE:

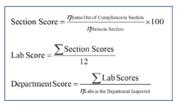
To be able to convey measureable performance to Principal Investigators (PI) and the chairs of the departments based on Environmental Health and Safety Office (EHSO) conducted lab inspection and post inspection follow-ups.

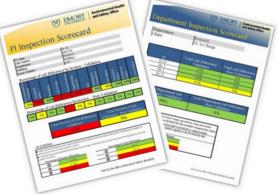
METHODS/IMPLEMENTATION:

- 1. Each PI/designee completes annual laboratory self-inspections of their labs.
- 2. Independent laboratory inspections (validation) are conducted by EHSO.
- 3. Within 48 hours, EHSO provides a comprehensive report of the inspection.
- 4. EHSO completes a follow-up inspection (post-validation) 7-10 days later.
- 5. EHSO issues a scorecard that outlines compliance for each section of the inspection form for both the inspection, and post-inspection.
- 6. Once all lab validations in a particular department are complete, a scorecard is given to the department chair that lists the scores of the individual PIs in that department and overall score for the department.

SCORING:

- · For simplicity, scoring is coded by color and emoticon.
- · Scores are based on the percentages of items that are out-of-compliance.
- · The PI receives a score for each section as well as an overall score for the validation and post-validation inspection.
- The department chair receives a score for each lab and an overall department score.





RESULTS/DISCUSSION:

INDIVIDUAL LAB

IMPROVEMENT

Any PI at the University who intends to perform research must complete their annual lab self-inspection and will be issued a scorecard to illustrate their compliance within EHSO's lab validation program. Each department chair will also receive a scorecard that outlines how every PI within their respective department is complying with the safety expectations.

- chairs, the scorecard program has also gained support from the majority of the research community that was beta-tested.
- The beta-test showed an overwhelming improvement of most line items in the

CONCLUSIONS:

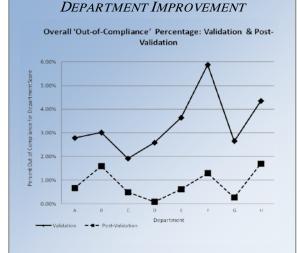
- The implementation of our scorecard system has been effective in raising awareness of lab safety and has allowed for the next step to be taken in fostering a culture of safety on campus.
- The cooperation of each PI, the investment made by the department chairs, and EHSO's dedication to the project was integral in moving forward with our lab validation program.

MOVING FORWARD:

- A campus wide program will be implemented in Fiscal Year 2013.
- Inspection form will be revised and edits will be made to the scorecard reflecting the changes.
- Will be incorporating sustainability items (i.e., green labs).
- Top 2-3 items will be targeted for "top priority" status and will be aggressively pursued (example: campaign to dispose of legacy chemicals).
- · Automatic data entry will decrease amount of time to generate a scorecard.

SUMMARY OF RESULTS:

- With the support of the department
- inspections among nearly every lab.



BENEFITS & OUTCOMES

Allows EHSO to identify gaps in the inspection program

Provides transparency between PIs, Dept. Chairs and EHSO

Allows all involved to prioritize items of greatest need

Identifies areas in need of improvement, but also identifies areas of the greatest strength within the lab

Promotes cooperation between EHSO and the research community and continues in the effort to create a cultural change in the field of safety

EHSO Motto: Teamwork...Our Path to Excellence www.ehso.emory.edu