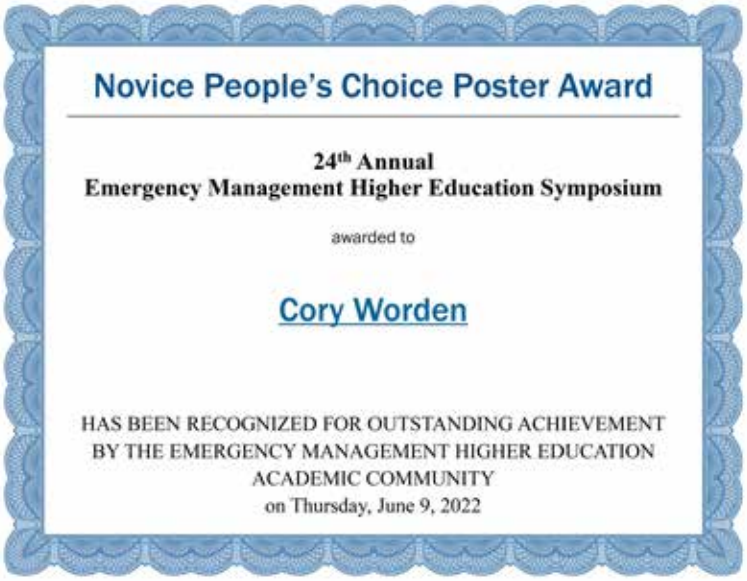
WORDEN WINS AGAIN

Adding to his recognition and renown once again, Cory Worden was honored for another feat of safety awareness for creating a poster outlining the use of Safety Management Systems. It was delivered at the 24th Annual Emergency Management Higher Education Symposium, which was held at the National Emergency Training Center in Emmitsburg, Md. His poster was in the Novice category and was titled “The Optimization of the ICS Safety Officer Role Using Safety Management Systems.” SEE THE EVENT PROGRAM



Novice People’s Choice Poster Award

24th Annual
Emergency Management Higher Education Symposium

awarded to

Cory Worden

HAS BEEN RECOGNIZED FOR OUTSTANDING ACHIEVEMENT
BY THE EMERGENCY MANAGEMENT HIGHER EDUCATION
ACADEMIC COMMUNITY
on Thursday, June 9, 2022

The Optimization of the ICS Safety Officer Role Using Safety Management Systems

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CESCO, Houston Health Department, Safety Advisor

Introduction

The City of Houston's COVID-19 pandemic response.

★ Testing
★ Vaccinations
★ Lab
★ Wastewater Testing
★ Epidemiology
★ Community Outreach
★ Shelters for hurricane and freeze during pandemic conditions

Purpose

- This research identifies a reliable methodology creating and sustaining safe response conditions and practices during an extended response to prevent infectious disease exposures and other injuries and exposures.

Objectives

- Implement the ANSI Z.10 Safety Management System methodology during the City of Houston's COVID-19 response.
- Determine if there is a significant correlation between the ANSI Z.10 Safety Management System methodology and safety incident counts/rates.

Keywords

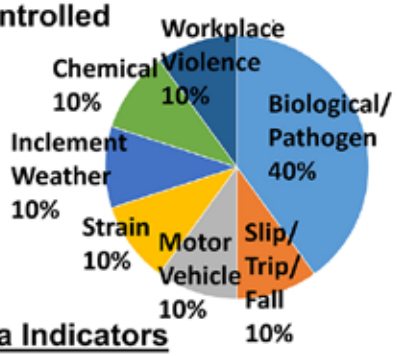
Safety, Safety Officer, Safety Plan, Safety Messaging, Hazards, Threats

Methods

ANSI Z-10 Safety Management System with High-Reliability Principles

1. *Infrastructure – ICS/NIMS & Safety Committee* **(Deference to Expertise)**
2. *Hazard/Threat Analysis & Control /Safety Protocols* **(Sensitive to Operations)**
3. *Safety Messaging* **(Reluctance to Simplify)**
4. *Leading Indicators/ Prevention* **(Preoccupation with Failure)**
5. *Lagging Indicators/ Incidents* **(Commitment to Resilience)**

Hazards/Threats Identified & Controlled

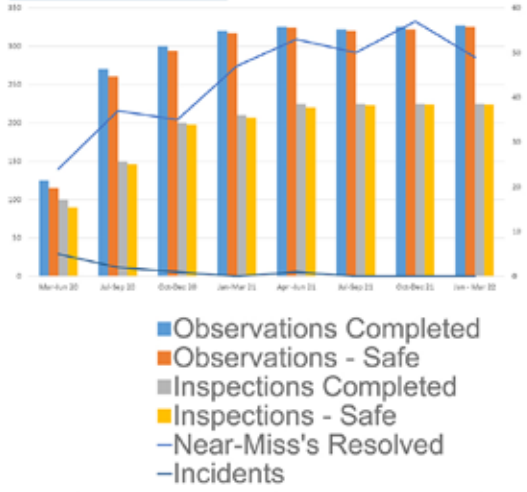


Data Indicators

Quantitative – Completions of inspections, observations, and near-miss reports to validate safety protocols, environments, and Personal Protective Equipment.

Qualitative – Findings during inspections and observations and resolutions of near-miss reports to improve safety.

Conclusions



- There is a **negative correlation** showing **increased quantitative leading indicators** with **increased safe conditions/work practices** (qualitative findings) leading to **decreased incidents**.
- Previous safety research has only considered initial planning and not continual safety improvement for changing hazards and threats during extended responses.

References

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Worden, C. (2018). The pragmatic development of actionable processes to reach high-reliability goals. *National Safety Council*. Retrieved on March 14, 2022 from development-actionable-processes-worden.pdf (nsc.org)

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