





Preparing for Realistic Mass Casualty Simulation -- Utilizing a Team Leadership Model to bring together UTHealth Academic Leaders and Community Stakeholders

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Photo Courtesy from: Marissa Kason



Project Aim

- Shared lessons learned of communication and intercollaboration with
 - UTHealth academic leaders
 - Disaster Experts
 - Fire, EMS, Police, Morgue, etc

Photo: Deb McCrea, CSO

"There is no limit to what you can accomplish if you don't care who gets **the** credit." -- Ronald Reagan

Hill's Model of Team Leadership
*Established indicators of success

1. Clear, elevating goals
2. Results driven structure
3. Competent team members
4. Unified commitment
5. Collaborative Climate
6. Standards of Excellence
7. External Support and Recognition
8. Principled Leadership

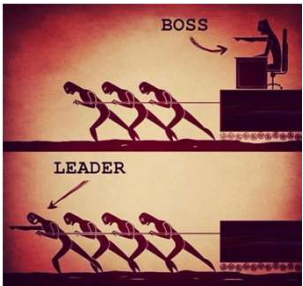
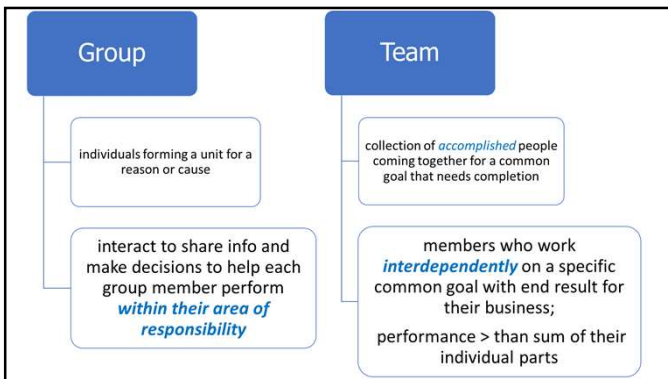


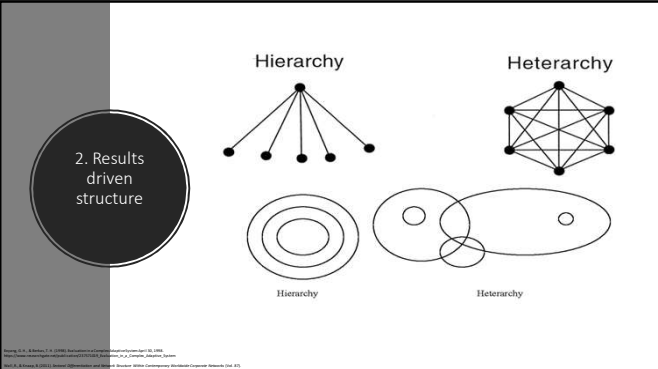
Photo: <https://www.linkedin.com/pulse/12-habits-exceptional-leaders-connor-jorgensen-2fz0w>





1. Clear, elevating goals

- A need for education in disaster mgmt
 - through simulation, mock drills, or clinical assistance at live events
- Understanding of
 - stds of care, etc. surrounding disaster



2. Results driven structure

Hierarchy


Heterarchy

Hierarchy

Heterarchy

3. Competent team members

- UT Schools
 - School of Nursing
 - School of Medicine
 - School of Public Health
 - School of Biomedical Informatics
 - School of Dentistry
 - Graduate School of Biomedical Sciences
- UT Center for Interprofessional Collaboration (CIPC)




7. External Support and Recognition

ALL UT SCHOOL ADMINISTRATION SUPPORT


UT CENTER FOR INTERPROFESSIONAL COLLABORATION

HOUSTON FIRE DEPT



Photos Courtesy from: Deb McCrea

7. External Support and Recognition



- EMS Programs
 - Houston Community College
 - Wharton Jr. College EMS
 - Alvin Community College EMS
 - Harris Co Emerg Corp
- Houston Police Dept. SWAT Team
- Harris County Institute of Forensic Sciences

Photos Courtesy from: Maricruz Kwon

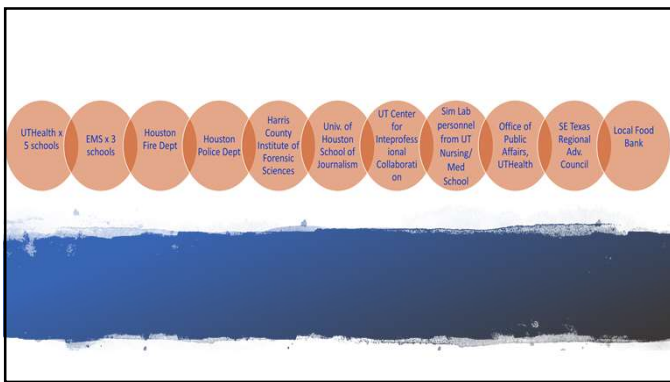


7. External Support and Recognition

- Simulation Lab: School of Medicine & School of Nursing
- Office of Public Affairs: Local TV and Radio Media
- SE Texas Advisory Council
- Local Food Bank

Photos Courtesy from: Deb McCrea





8. Principled Leadership

- Dr. Kevin Schulz (SOM)
- Dr. Elda Ramirez (SON)
- Dr. Deb McCrea (SON)
- Dr. Jennifer Swails (SON)
- Dr. Lee Revere (SPH)
- Capt. Tony Reed, HFD
- Capt. Matthew Fuentes, HFD

Canvas Asynchronous Class

Photos Courtesy from: Maritina Pavon

Stage: Performing

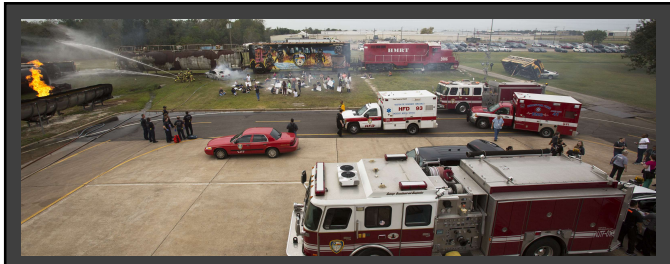
- Over last 6 years
- scenarios have become more realistic and complex.
- more students and community agency expertise.

Interprofessional MCI Training		
YR	Student Involvements	Agency Involvements
1-2015	25 *ENP students	0
2-2016	75	10
3-2017	125	12
4-2018	300	13
5-2019	350	15
6-2021	120 divide by 2	10

Photos Courtesy from: Maritina Pavon

Pre-Event

Photos Courtesy from: Deb McGee



The Event |

Photo Courtesy from: Maricruz Kwon



Stage: Performing

Photos Courtesy from: Deb McCrea



Stage: Performing

Photos Courtesy from: Deb McCrea



Stage: Performing

Photos Courtesy from: Deb McCrea



Adjouning

Results

Demographic Findings		
		%
Age	18-24	88.2
	25-44	14.2
	45-54	5.0
Sex	M	18.3
	F	81.7
Highest degree	HS	1.2
	Some college	14.2
	AA	17.5
	Bachelors	41.7
	Masters	20
Yrs as licensed HCW	Postmasters	9
	Zero	71.7
	1-5 yr	5.8
	6-10 yr	11.2
	11-15	4.2
Highest level of Licensure	16-20	2.5
	20-30	4.2
	30+	7.5
	APRN	20
	EMT	0.8
	EMT	0
	EMT	0
Participate in previous MCK MCI	Nursing student	57.5
	Medical student	4.2
	EMS student	0
Participate in Actual MCI	Other Cert	3.3
	Yes	13.5
	No	87.5
Participate in Actual MCI	Yes	5
	No	95

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Questions/Thank you

- Elda Ramirez, PhD, RN, FNP-C, FAANP, FAEN, FAAN
- Kevin Schulz, MD, FAEMS, FACEP
- Bobbie Harris, MSN, RN, FNP-C
- UTHealth Center for Professional Education (CIPC)
- Cizik SON Simulation Lab
- All schools at UTHealth
- All EMS Programs

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