

Emergency Management Planning: Laboratories

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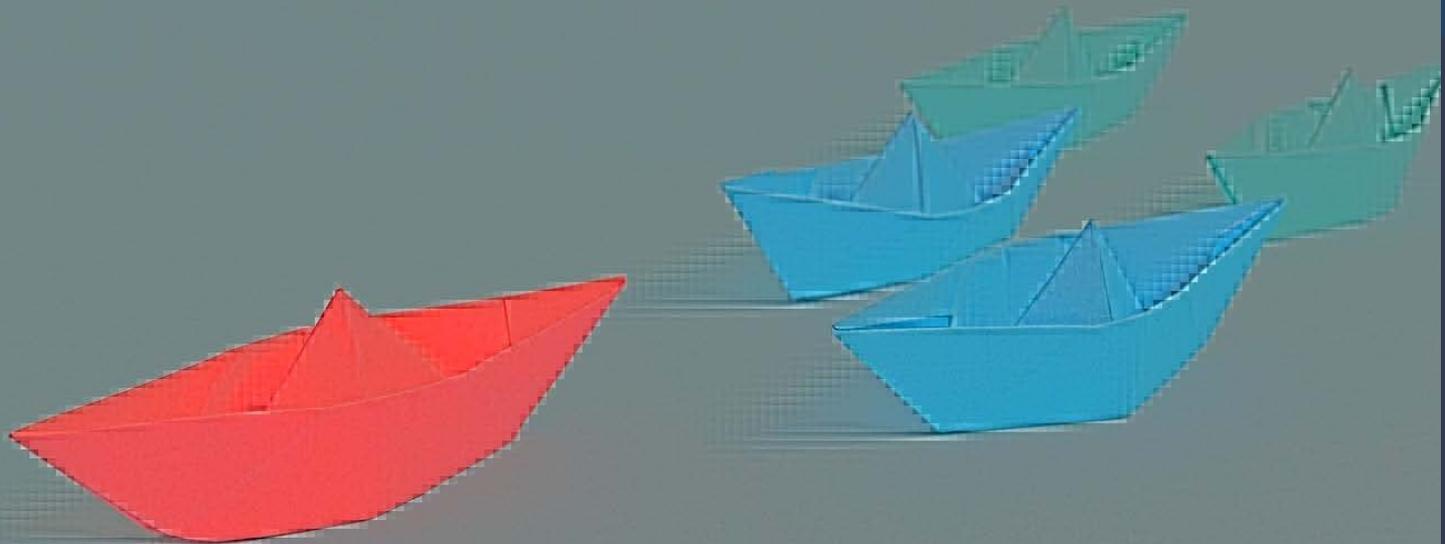
The University of Texas Health Science Center at Houston



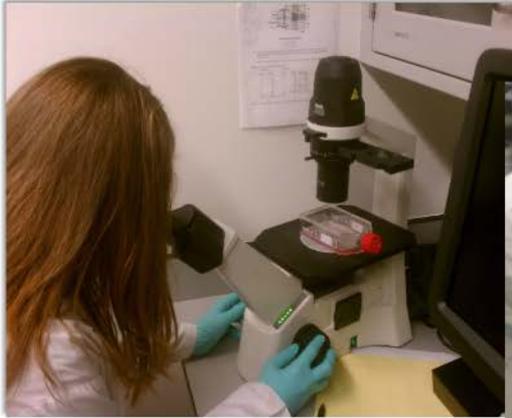
Texas Medical Center



*DISASTERS SUCH AS HURRICANES,
FLOODS OR FIRES ARE CHALLENGING*



Now couple that with general hazards found in a typical biomedical research environment

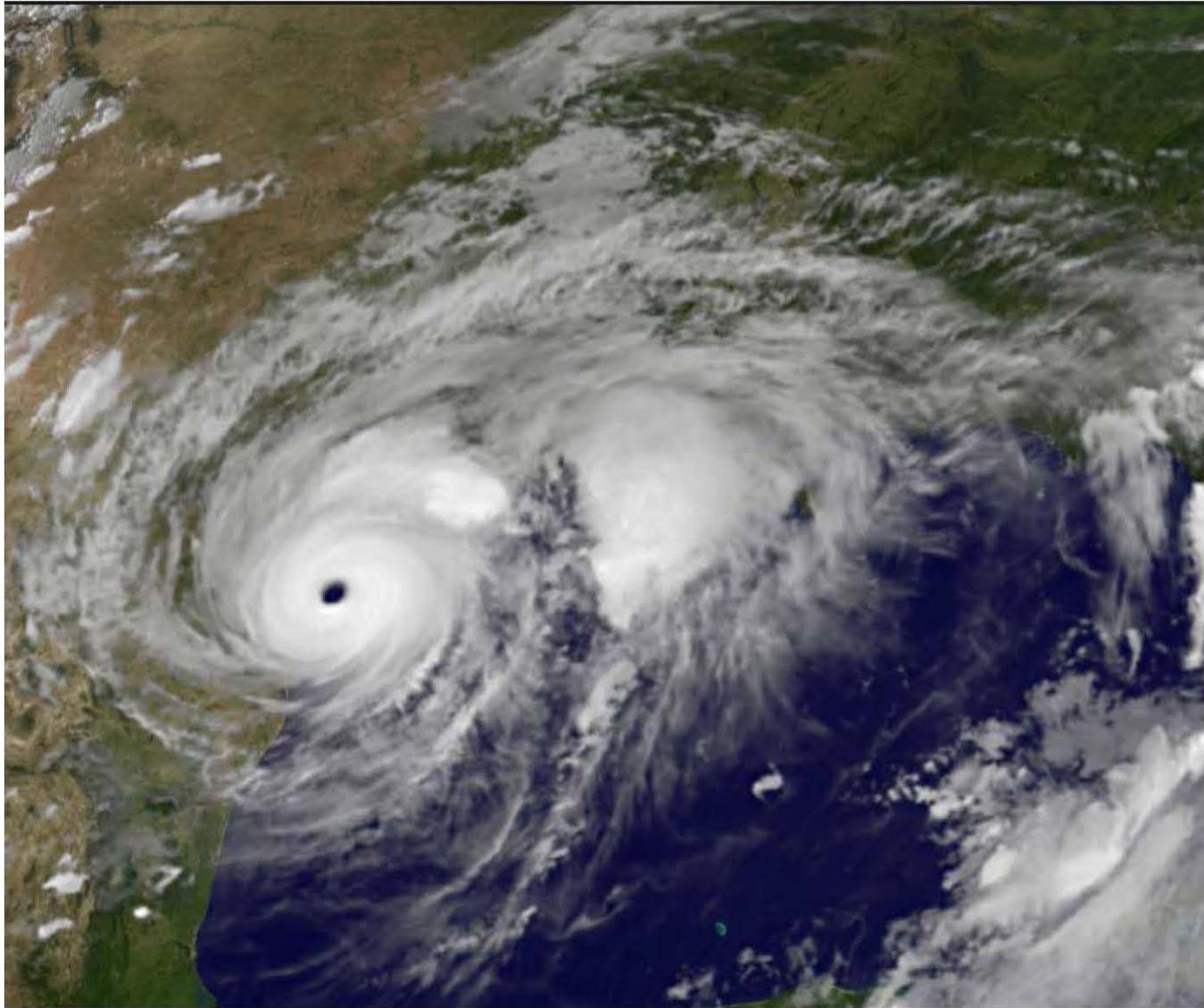


A Unique Workplace

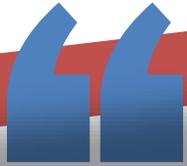
Remember!



Hurricane Harvey 2017







**A man who is prepared
has his battle **half** won.**



Miguel de Cervantes



Typical Emergency Management Plan

Provide a protocol and a corresponding support mechanism to protect individuals and assets

Limit or contain the extent of damage to facilities and property

House Bill (HB) 1831--requires higher education institutions to adopt and implement a multi-hazard emergency operations plan for use at the institution



In the event of such an emergency, our goal from a laboratory perspective is to...

- Secure and protect research materials, products, and critical equipment
- Prevent the release of chemicals, radiation sources, infectious agents or other hazardous material
- Minimize the risk of exposure to cleanup workers and nearby communities

Perils addressed in an EMP

**Inclement
weather**

**Medical
Emergencies**

**Hazardous Mat
Spills**



Facilities failure

**Fire/Explosion
events**

**Bomb/terrorist
threats**

How much of this
information reaches
our researchers ?

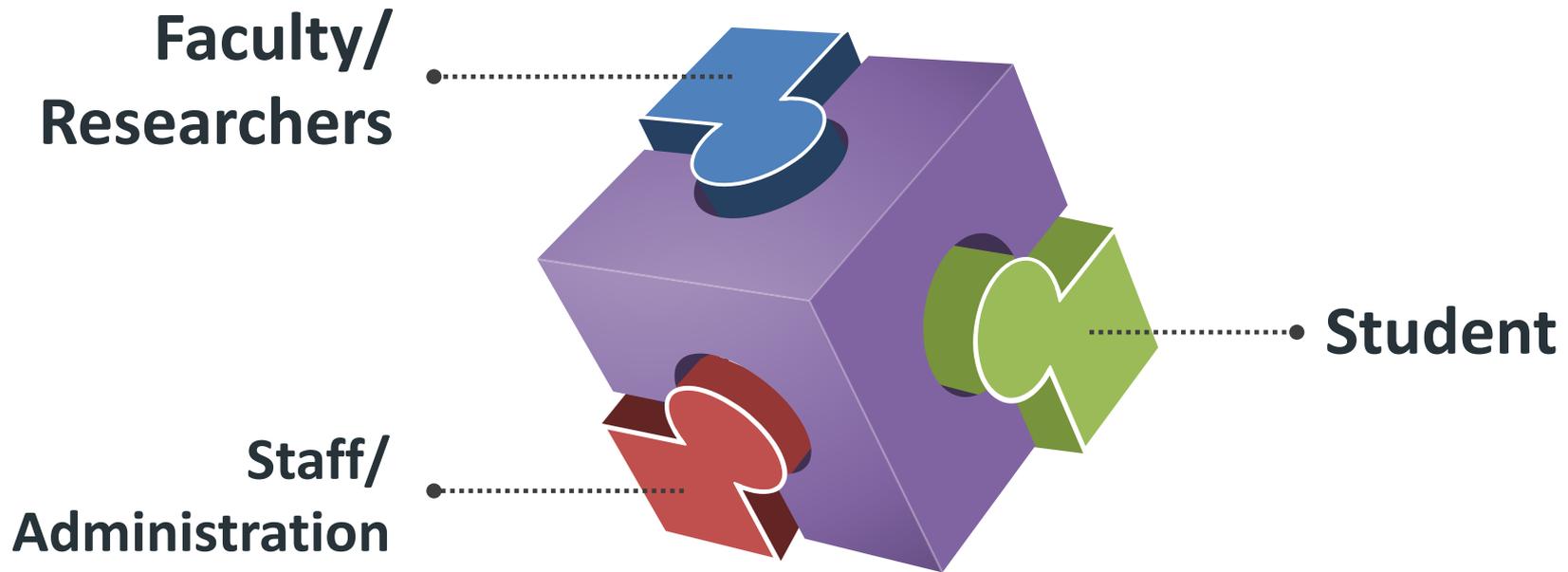




Covey's 5th Habit
**“seek to understand, then
be understood”**

(The 7 Habits of Highly Successful People)

Know your stake holders



Will this interfere with my ability to conduct teaching, research, or service



Interruptions, Apparent bureaucracy, Chores, meetings, “Pushing down” of tasks
Impediments to getting grants out the door

Challenge is to provide succinct
and relevant information
that the lab can use before,
during and post emergency event



Lab Emergency Preparedness Checklist

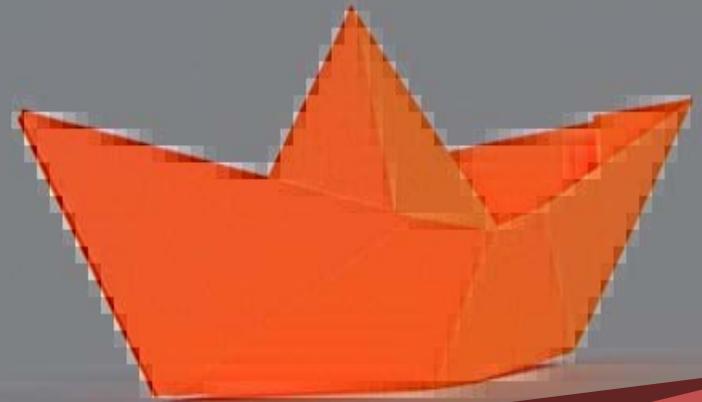
Please refer to the handout



Members of
EHS,
Facilities,
Security

Rideout Teams

Survey to identify areas which could benefit from early actions. For e.g. detecting leaks etc.



References

Texas Education Code §52.127

34 CFR 668.46 Institutional security policies and crime statistics

Joint Commission on Accreditation of Healthcare Organizations,
Emergency Management Planning Standard

Hospital Incident Command System

National Incident Management System

NFPA 1600

National Response Framework

Thank You