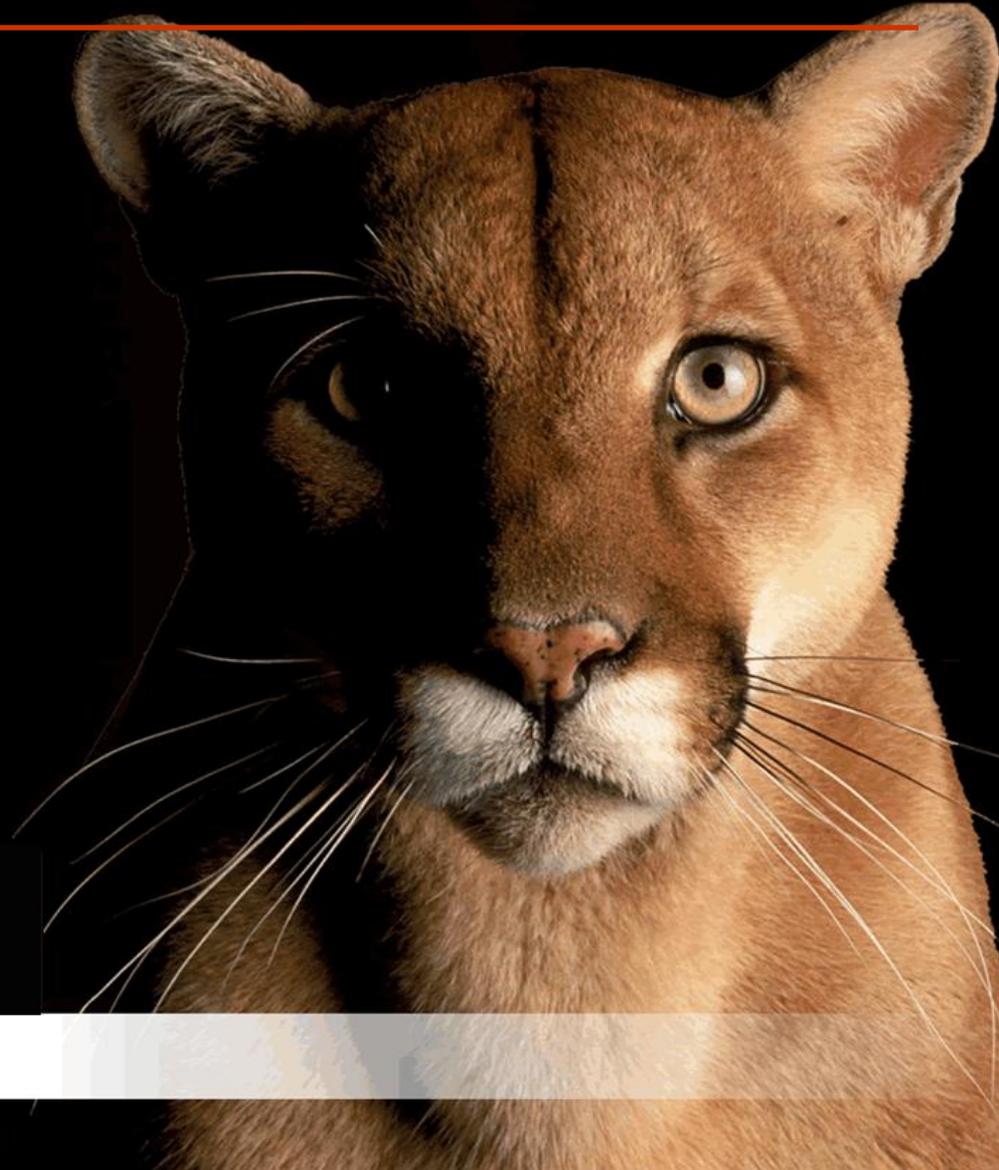


University Emergency Management Components

Joe S. Méndez, M.P.A.
Director, Emergency Management

University of Houston
Department of Public Safety
Emergency Management Bureau





Mission

- The mission of the emergency management program at the University of Houston is to support the University and personnel in:
 - Preventing
 - Mitigating
 - Preparing for
 - Response to and
 - Recovery from... all incidents, emergencies or disasters which may impact the University or its personnel.



Emergency Response Planning

- ❑ **Objectives: Save, Promote, Minimize and Restore**
 - Save lives and prevent injuries
 - Promote an effective action in responding to emergencies
 - Minimize loss of campus property
 - Restore conditions to normal and with minimal confusion

- ❑ Incident objectives are established based on the following priorities:
 - Life Safety
 - Incident Stabilization
 - Property Preservation



Why Prepare?

- ❑ Students, faculty and staff are more composed when faced with an emergency.
- ❑ Prevent, respond to, and recover from incident effectively, and efficiently.
- ❑ To know - what to do and where to go.



NIMS Requirements

- Governor's Executive Order RP40 (Issued February 23, 2005) mandated NIMS as the State standard for incident management.
- The use of NIMS includes a core set of concepts, principles, terminology and technologies covering the incident command system (ICS).



Key Components of Emergency Management

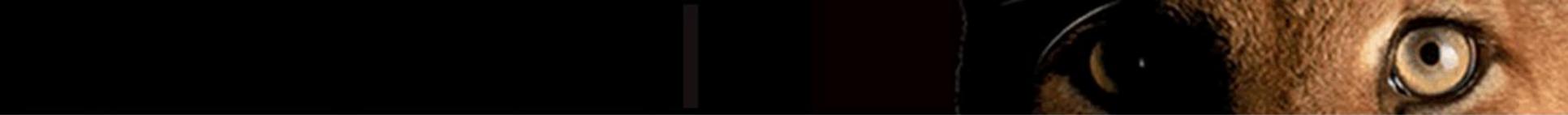
- ❑ **Address gaps in the disaster management cycle**
 - Enhancing the prevention and awareness programs
 - Enhancing the collaboration of our internal departments and with external stakeholders

- ❑ **Comprehensive approach**
 - Incorporates best practices
 - Merges with the campus community

- ❑ **All Hazards Approach...**
 - Designed for effective campus and community resources
 - Relies on thorough integration at all levels

What is All-Hazards – System Planning





All-Hazards Approach (Continued)

- Establishes consistent prevention and mitigation approach
- A flexible incident planning design
- Allows UH to integrate with responding agencies
- Describes critical functions of campus personnel during any incident



Declaration Campus State of Emergency

- ❑ The authority to declare a campus state of emergency rests with the President.
 - Declare campus State of Emergency
 - Decisions concerning the discontinuation of University functions, cancellation of classes, or cessation of operations, rest with the President
 - Direct communication with: Regents, Academic Senate, and Emergency Management Team members...
 - Formal request for local State of Emergency and Governors Declaration of Disaster



PIER ALERT - Notification

- **PEIR - Notification System designed to efficiently communicate and control information:**
 - Focus is on crisis communications
 - Communication management

- **PIER– Notification System:**
 - E-mail, SMS (text messaging), and text to voice
 - Alertus Beacons
 - Outdoor Siren System
 - UH Emergency Operations Webpage

- **PIER Notification Alerts:**
 - Severe weather conditions
 - Major power outage – disrupt the campus
 - Campus intruder or active shooter

Four Phases of Emergency Management

□ An incident life cycle

1. Prevention/Mitigation
2. Preparedness
3. Response
4. Recovery



□ Purpose: Four Phases of Emergency Management

- To standardize a comprehensive emergency management approach to easily fit ...our needs

Why we use NIMS

- ❑ **Key principles of National Incident Management System**
 - Common terminology
 - Unified command structure
 - Comprehensive resource management
 - Integrated communications
- ❑ **NIMS is centered on three main areas**
 1. Incident Command System (ICS)
 2. Multiagency Coordination Systems, and
 3. Public Information System





Campus - Incident Command System (ICS)

□ What does ICS do?

- Leadership and responders coordinate rapidly
- Flexible incident management approach
- Field personnel can tell us what works
- Personnel from different agencies communicate

What is your role?

- ❑ How does it work?
- ❑ When do I interact?
- ❑ Where do I fit?
- ❑ What do I need to know?





How Does It Work?

❑ **Mitigation & Prevention**

- Assess vulnerabilities, awareness, and education

❑ **Preparedness**

- Plan coordinated and effective response, develop skills for preparedness, planning, and exercising

❑ **Response**

- Execute and exercise plans in coordination with partners

❑ **Recovery**

- Restore learning environment, assist healing process, and implement lessons learned



When Do I Interact?

- ❑ When the PIER Alert notification system is activated.
- ❑ When UH resources may be needed.
- ❑ When support is needed at the UH Emergency Operations Center.
- ❑ When assistance from local, state or federal agencies are requested.



Where do I fit?

- ❑ **Be prepared and informed to respond:**
 - Identifying your team and resources - be prepared
 - Inform students, faculty and staff members – have a plan
 - Be responsible to your students, staff and to yourself



What do I need to know?

- ❑ **Campus Emergency Levels** - Emergencies are classified by severity and potential impact:
 - LEVEL 4: Normal Conditions (Minor Incident)
 - LEVEL 3: Increased Readiness (Minor Incident)
 - LEVEL 2: High Readiness (Emergency Response)
 - LEVEL 1: Maximum Readiness (Crisis/Disaster)

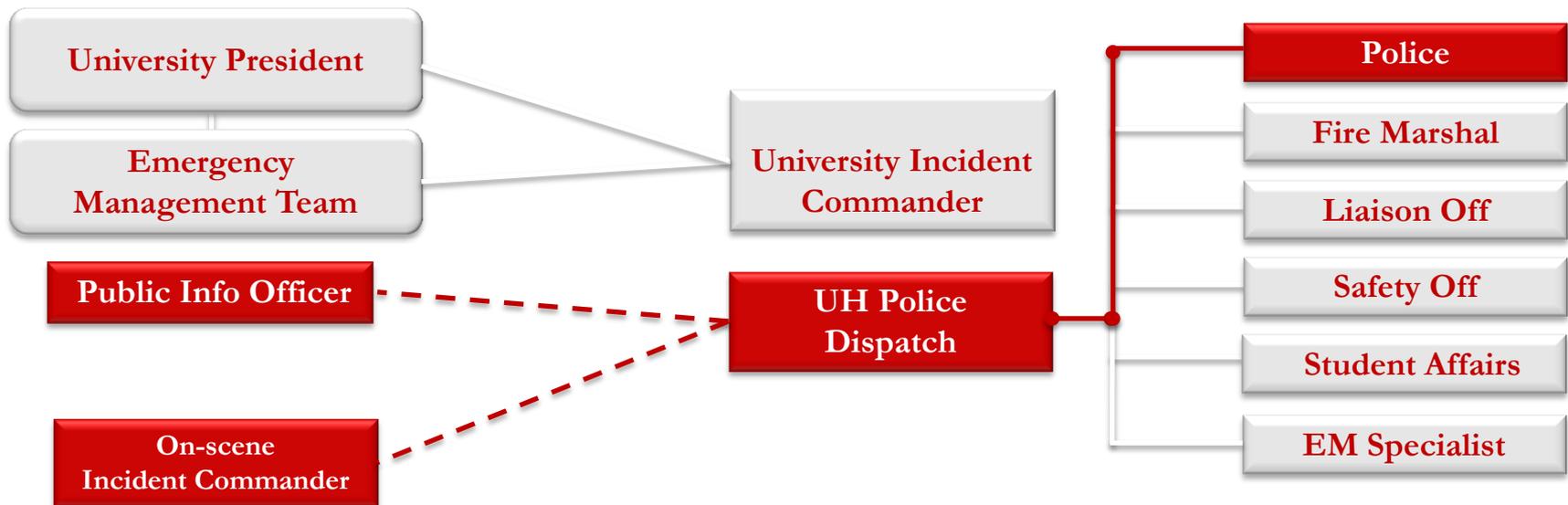


Level 4: Normal Conditions/Minor Incident

- ❑ **Level 4: Normal Conditions/ Minor Incident** - localized campus incidents that may be quickly resolved with internal resources or limited help and does not affect the overall functions of the campus.
 - May result in minor injuries
 - May affect a single or confined small area
 - Most normal campus operations are not disrupted

- ❑ **Examples:**
 - Small fires
 - Minor hazardous material incident
 - Limited campus power outage
 - Ambulance EMS call for minor injuries

Level 4: Minor Incident



Incident Scene
Small Fire
Chemical Spill
Evacuations
Man-made incident

- **Minor Incident – Three Step Process**
 1. Response to an incident
 2. On-scene Incident Commander
 3. Assess the incident and report it



Level 3: Increased Readiness/Emergency Response Incident

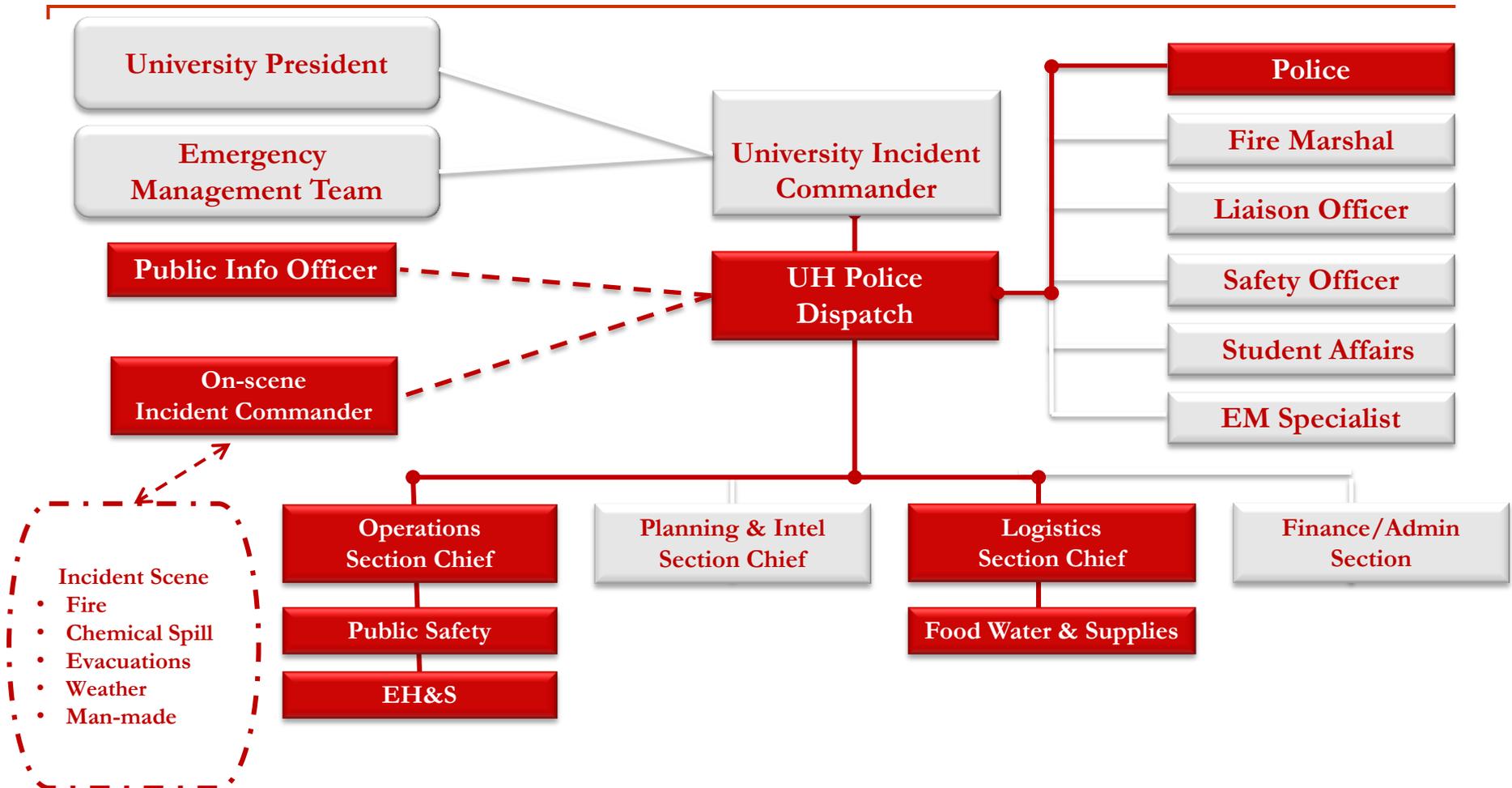
Level 3: Increased Readiness/Emergency Response Incident: may disrupt several or more operations of the campus and affect the mission-critical functions or life safety.

- Portions of the campus may not be accessible.
- May require evacuation of partial sections of the campus.
- Coordination between departments may be required.
- External emergency services may be required, as well as campus support.

Examples:

- Inclement weather watch possible campus closure (tropical weather threats)
- Laboratory fire or building explosion
- Death of a student, faculty or staff member (depending on circumstances)

Level 3/2: Increased Readiness





Level 1: Maximum Readiness/University Disaster/Crisis

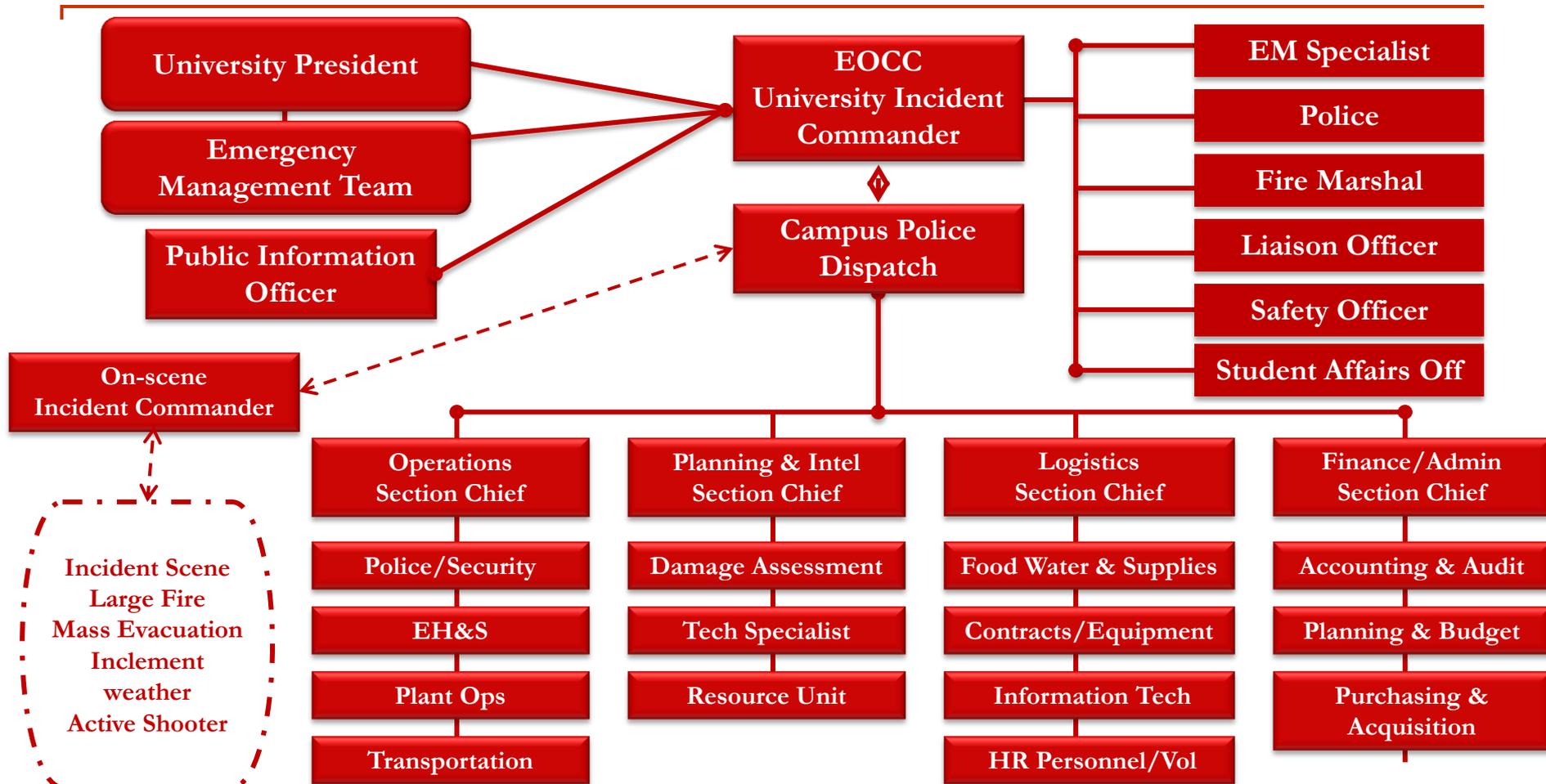
Level 1: Maximum Readiness - Disaster/Crisis incident: may be campus wide incident that seriously impairs or halts the operations of the University and its learning environment.

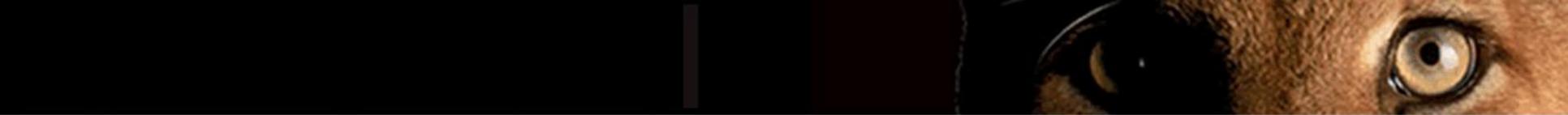
- May escalate quickly and have serious public safety consequences
- May require full evacuation of sections or entire campus
- Activation of the campus EOC
- External emergency services needed

Examples:

- Mass campus casualties
- Natural disaster - tornados, weather threats, hurricane.....
- Large scale hazardous material spills, biological threats, health epidemics...
- Hostage and hostile intruder situations

Level 1: Maximum Readiness - University Disaster/Crisis





What Happens During EOC Activation:

CAMPUS EOC ACTIVATED

UH Emergency Operations Center (EOC)

- ❑ **Three vital tasks:**
 - Communication and Intelligence
 - Command and Control
 - Coordination and Documentation

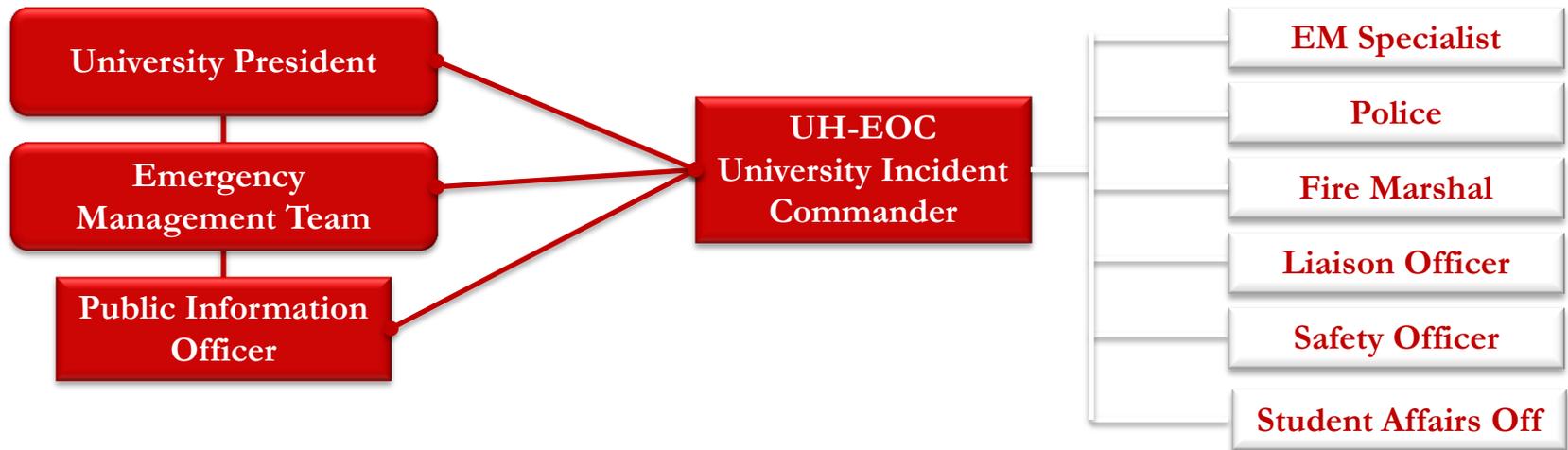


Emergency Management Team (EMT)

EMT

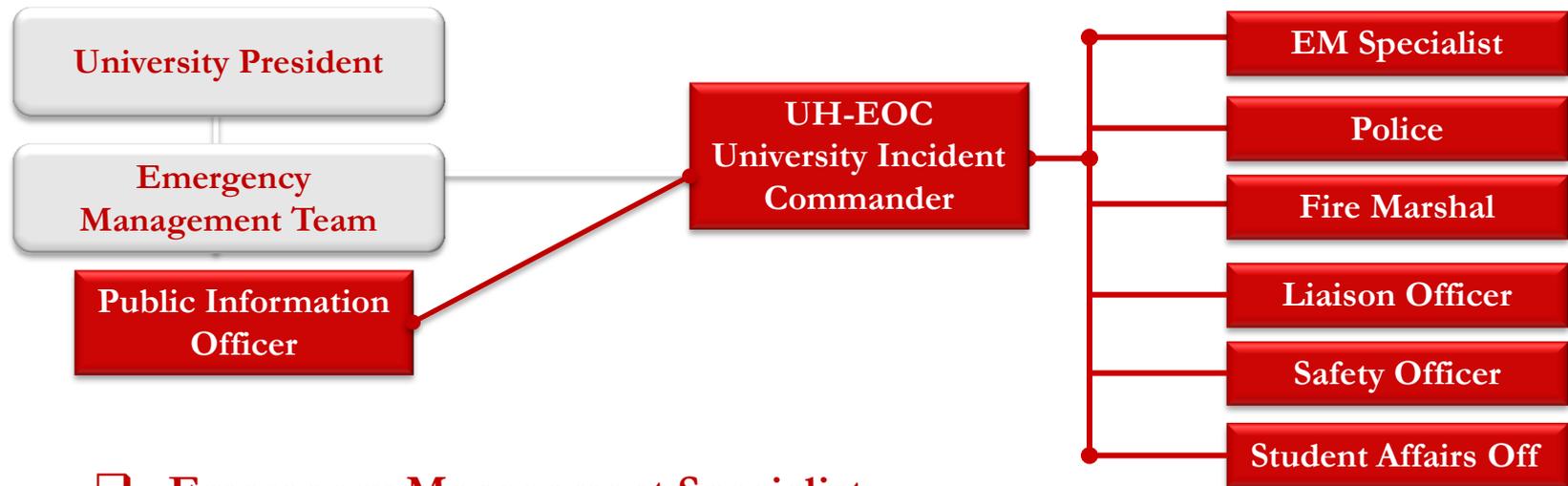
Dr. Renu Khator	Chancellor/President
Carl Carlucci	Administration & Finance
Elaine Charlson	Academic Affairs
Mark Clark	Faculty Senate President
Karen Clarke	University Advancement
Dave Irvin	Special Projects
Malcolm Davis	DPS
Joe Mendez	Emergency Management
Prince Wilson	Student Government President
Dennis Fouty	Information Technology
Melissa Rockwell	Facilities
Diane Murphy	Student Affairs
Rosemary Grimmet	Research
Carol Barr	Staff Council President
Selesta Hodge	Division of Research

Emergency Management Team



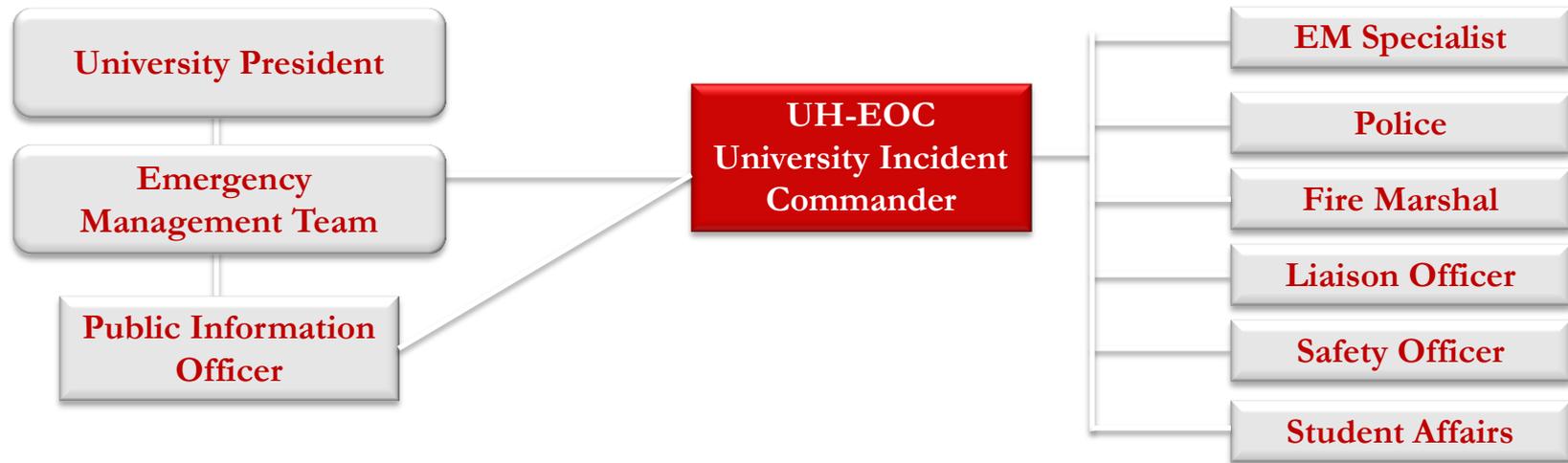
- ❑ **University officials appointed by the President to support incident decisions:**
 - Coordinate with the Director, Emergency Management (UIC)
 - Allocate, direct, and distribution resources
 - Assess the needed UH resources
 - Focus on decisions during incident

EOC - Command Staff



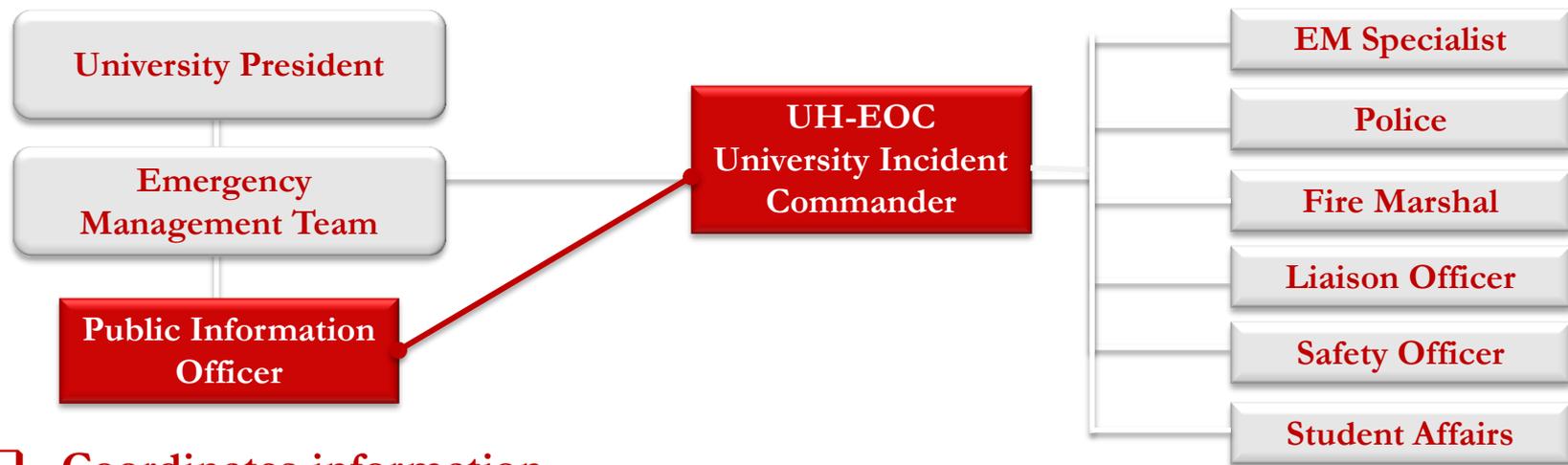
- Emergency Management Specialist
- Police
- Fire Marshal
- Liaison Officer
- Safety Officer
- Student Affairs Officer
- Police Dispatch

University Incident Commander (UIC)



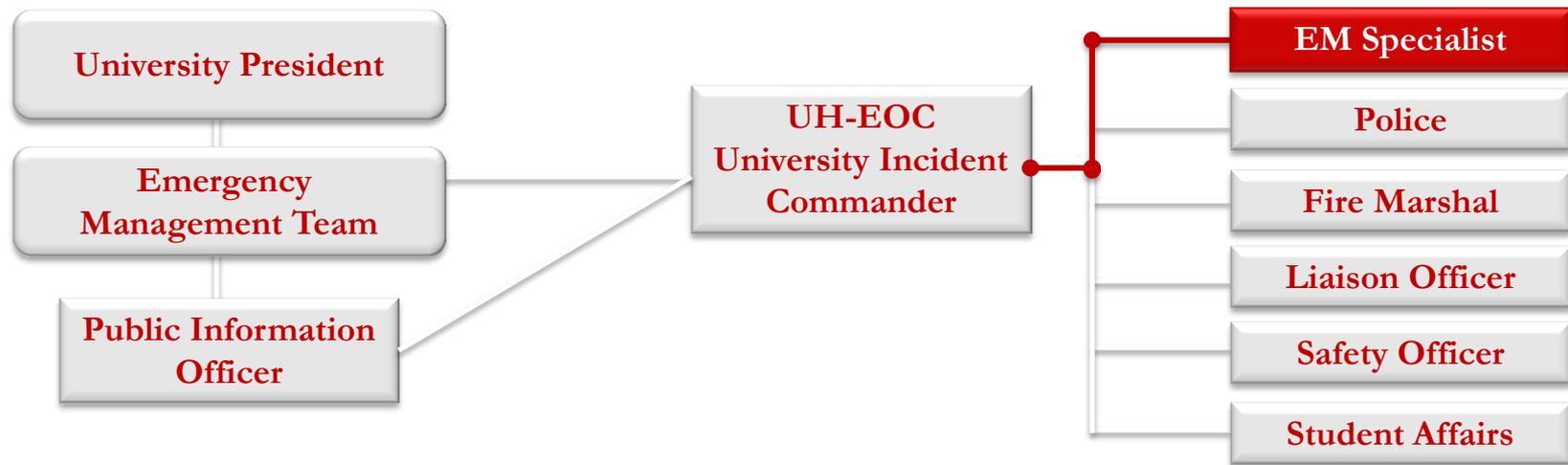
- ❑ **Primary person managing the emergency operations center:**
 - Keeps Emergency Management Team updated
 - Set-up and administer the EOC facility
 - Establish and oversee EOC communications flow
 - Overall command and control of the incident

Public Information Officer (PIO)



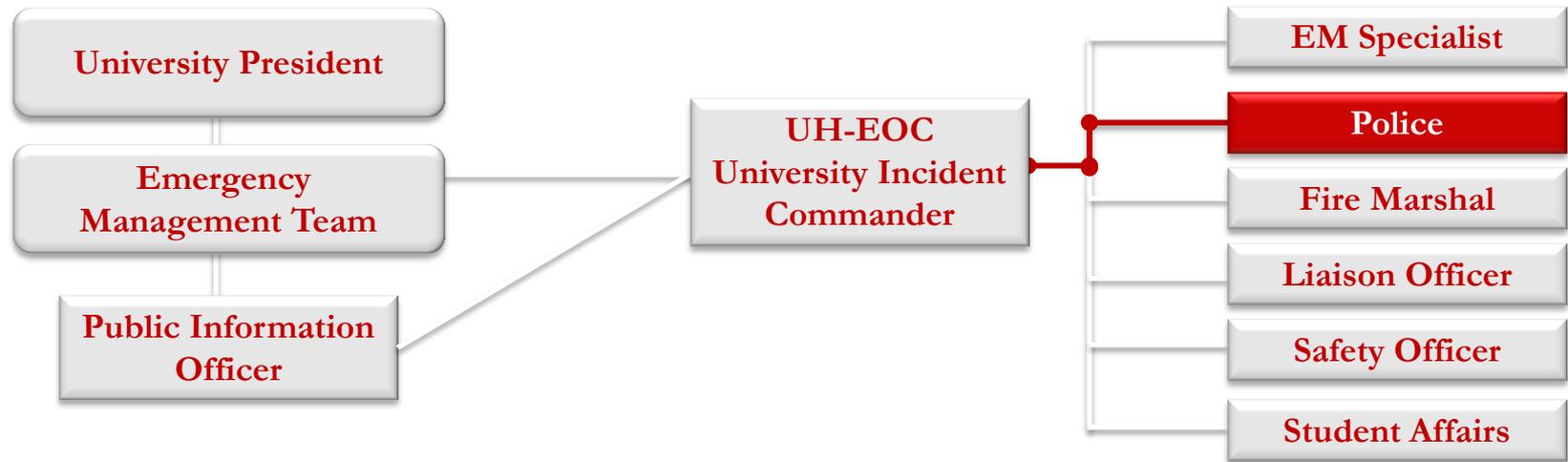
- ❑ **Coordinates information**
 - Coordinates information with UIC
 - Emergency Management Team
 - University Incident Commander
 - Media
 - Designates a staging area for media release
- ❑ **Ensures information**
 - Accurate and timely

Emergency Management Specialist



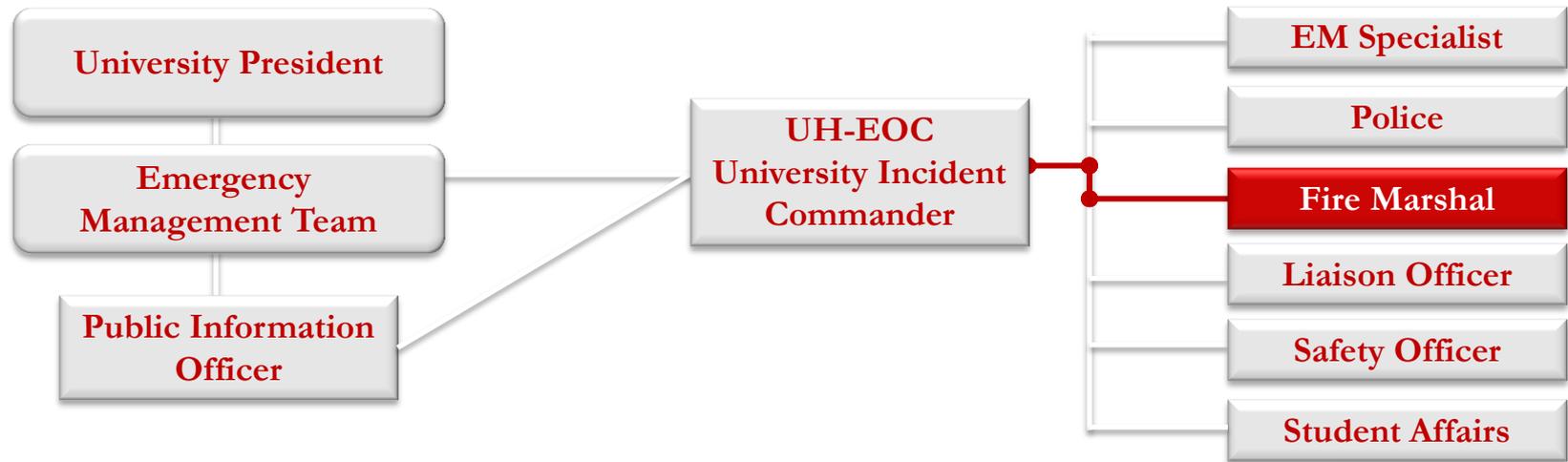
- Provides technical assistance
- May act as University Incident Commander
- Assess incident and provide recommendations
- Completes final after action reports
- Maintains incident documentation

Police/Security



- Support evacuation plans
- Coordinate traffic controls
- Communications areas and patrols
- Security for established assembly areas and shelters

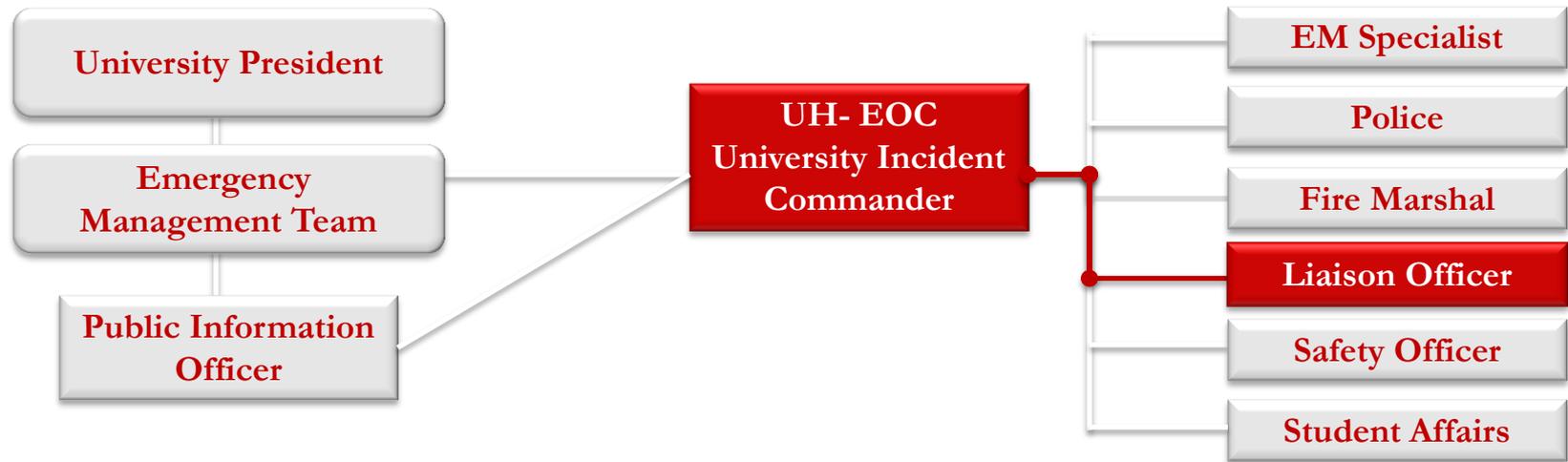
Fire Marshal



- Ensures responder safety
- Reports to the UIC on campus safety issues
- Minimizes student, faculty and staff risk



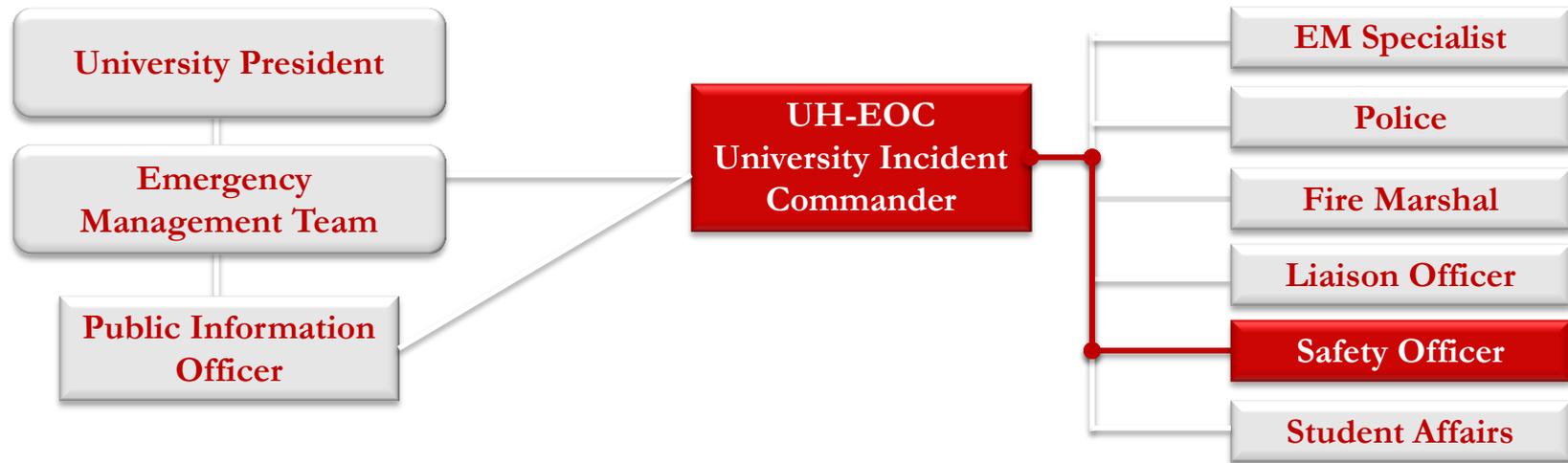
Liaison Officer



- Notifies significant area agencies affecting or potentially affected
- Ensures inter-agency coordination
- Provides briefings and answers questions for agencies

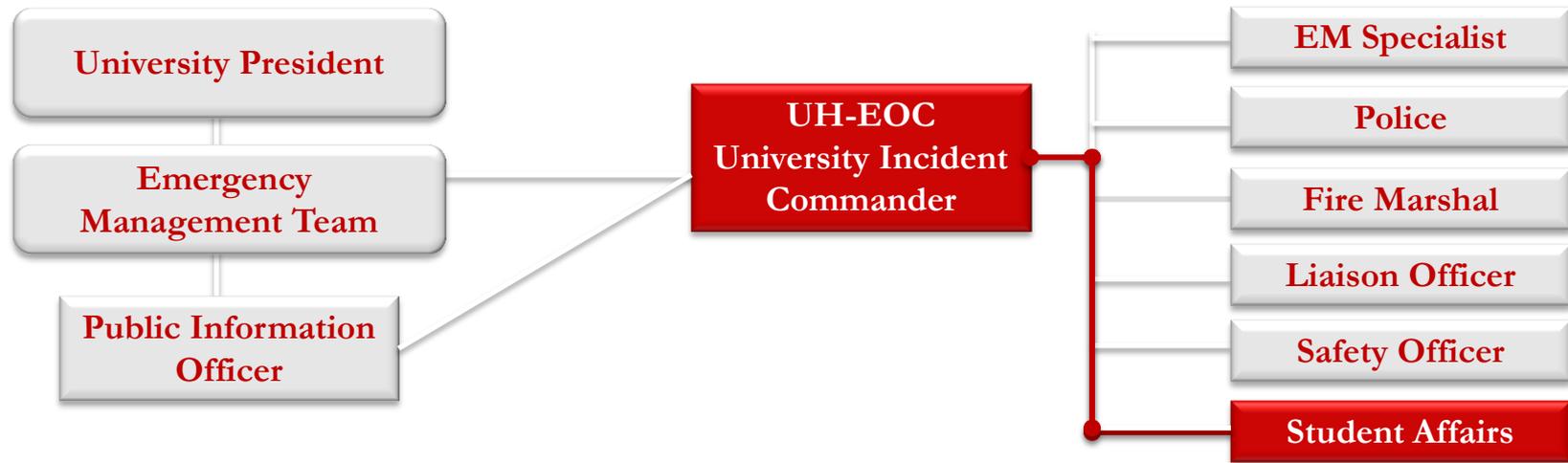


Safety Officer



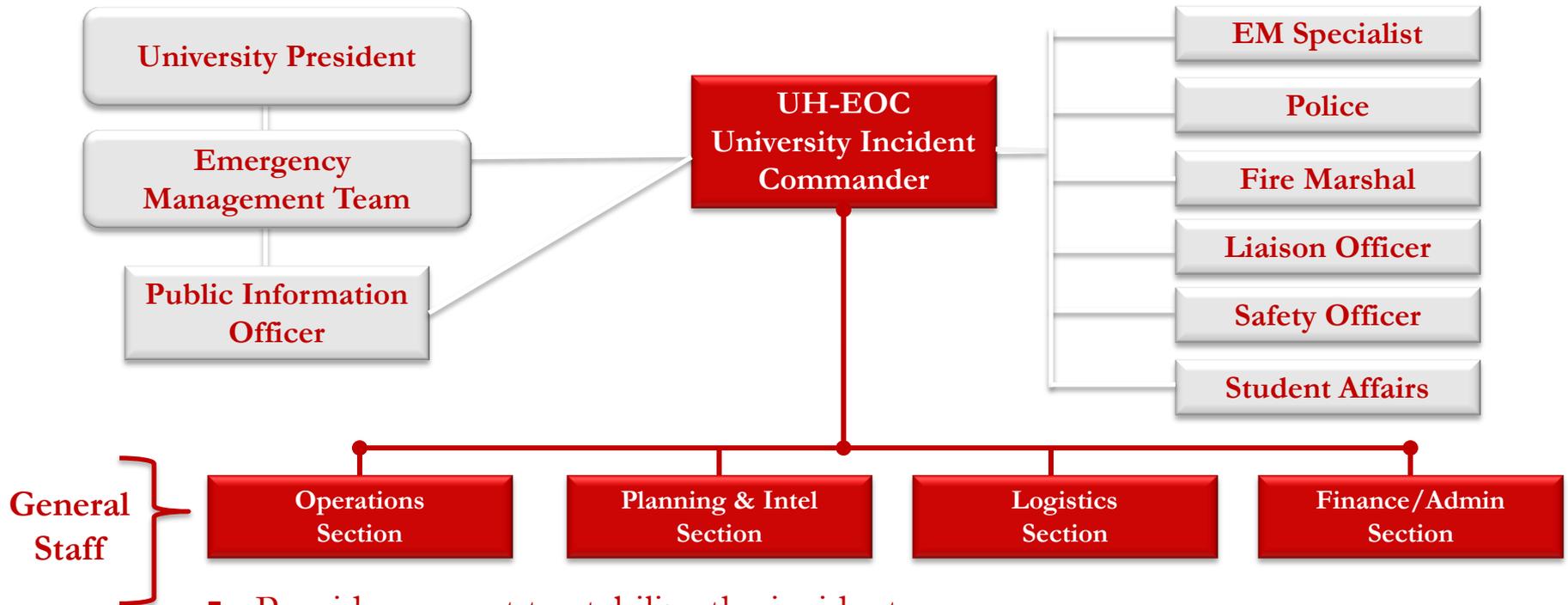
- Responsible for monitoring and assessing safety hazards or unsafe situations and for developing measures for ensuring personnel safety
- Exercise emergency authority to stop or prevent unsafe acts when immediate action is required

Student Affairs Officer



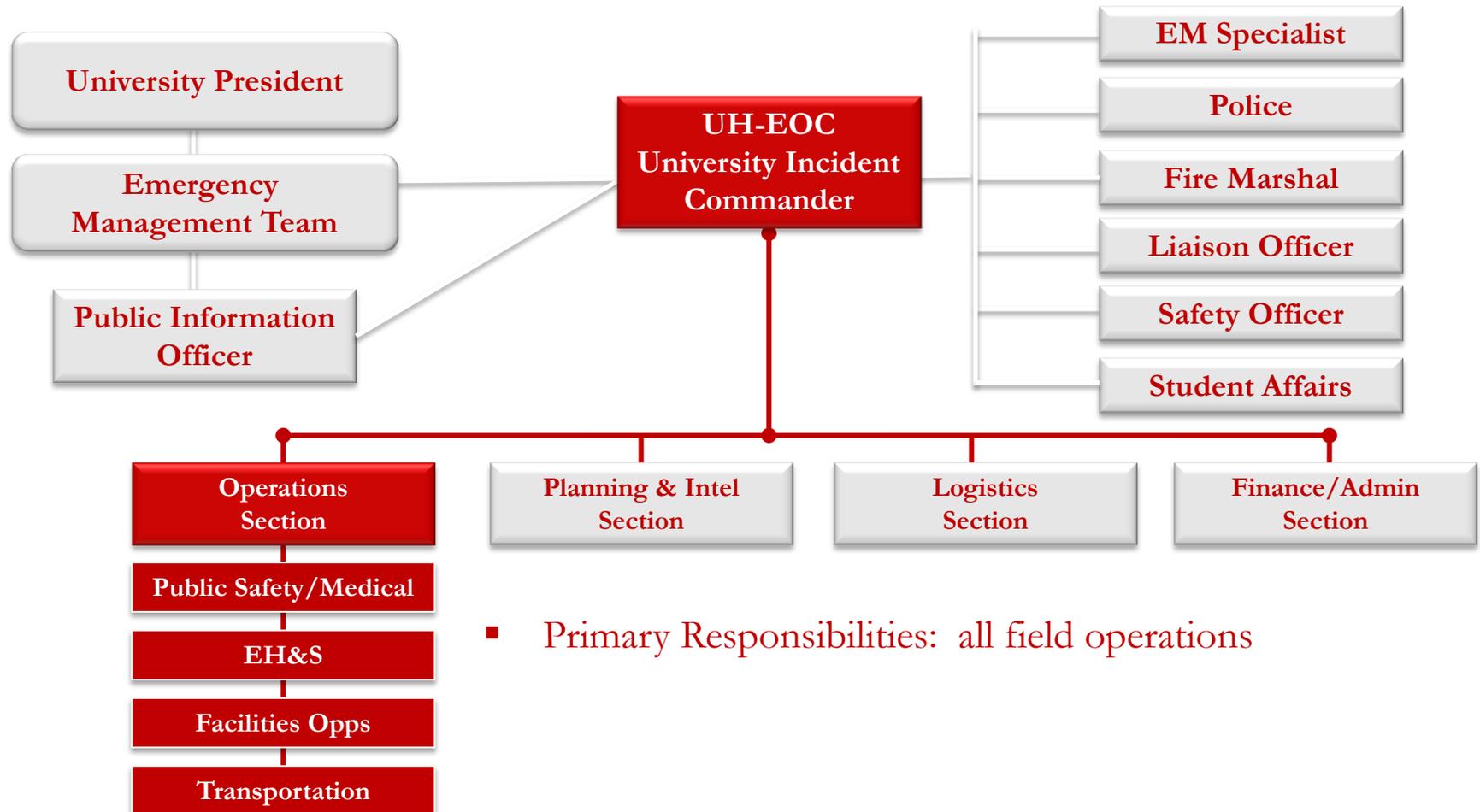
- Tracks status of students
- Support student crisis counseling services
- Coordinates short term and long term recovery of UH student activities
- Leads action to accommodate disable student populations
- Coordinate mass evacuations of students as needed

EOC General Staff



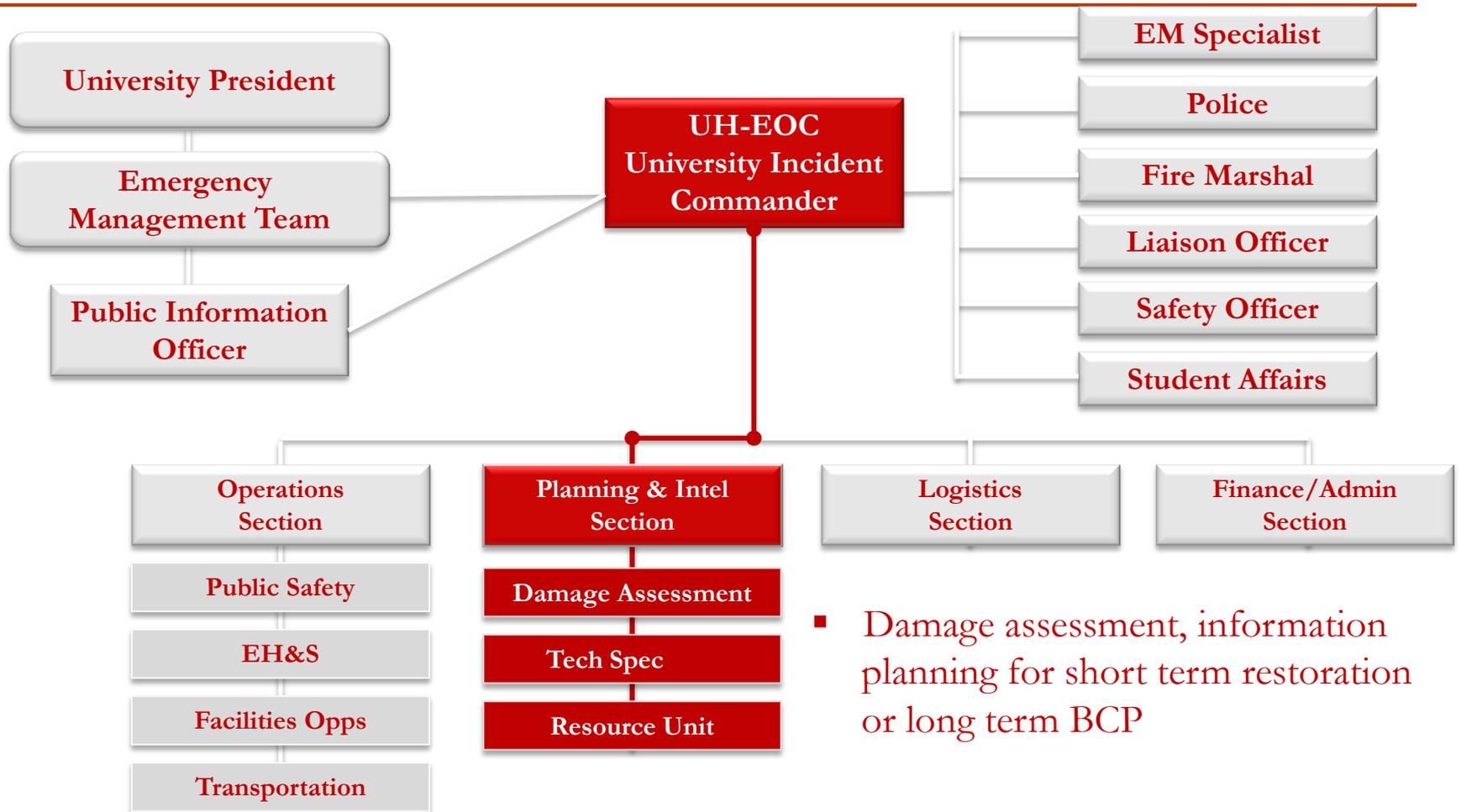
- Provide support to stabilize the incident
- Coordinate emergency plan of actions (IAP)
- Ensure sections are staff
- Communicates with emergency response personnel and agencies

Operations Section



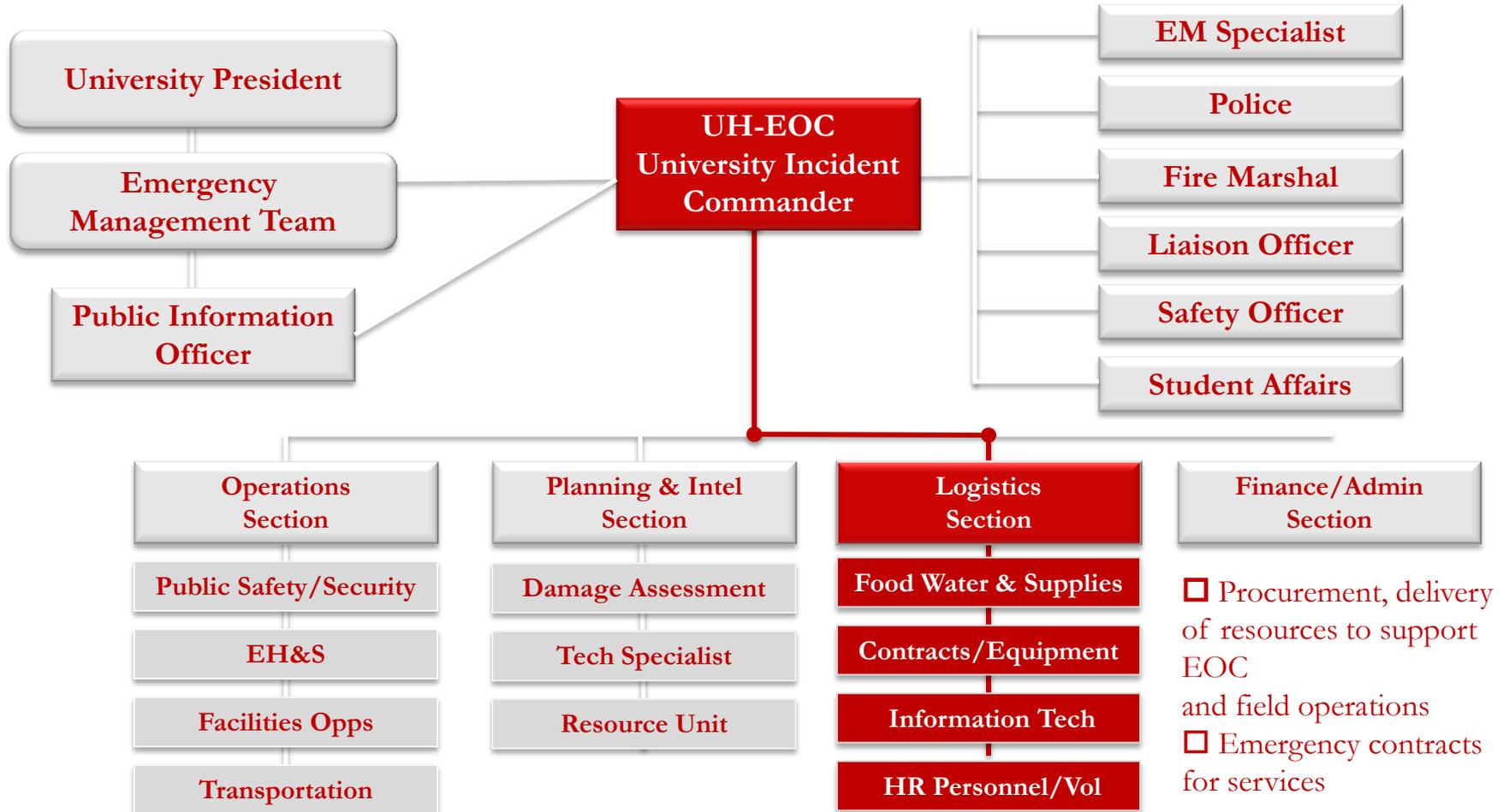
- Primary Responsibilities: all field operations

Planning Section

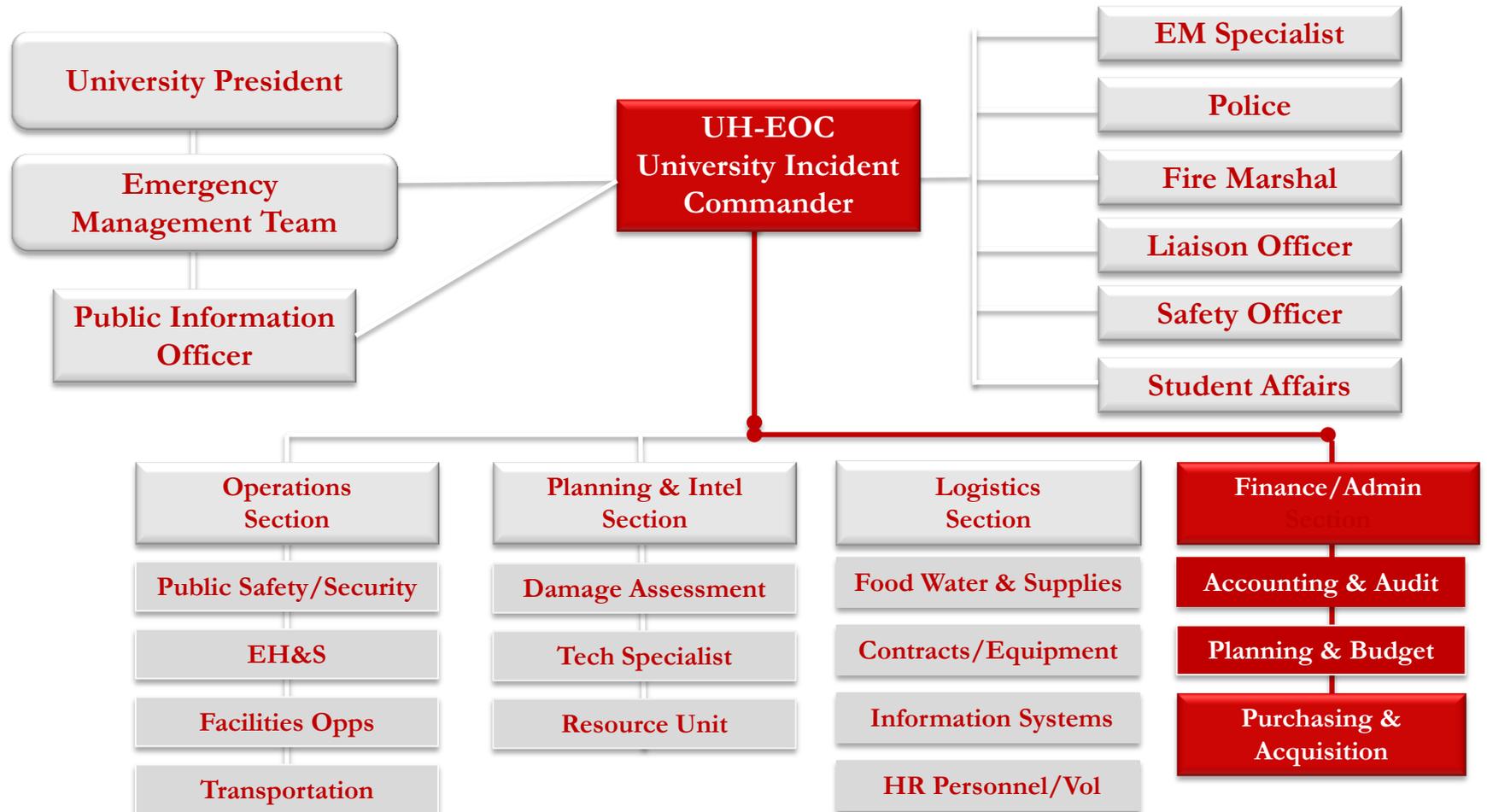


- Damage assessment, information planning for short term restoration or long term BCP

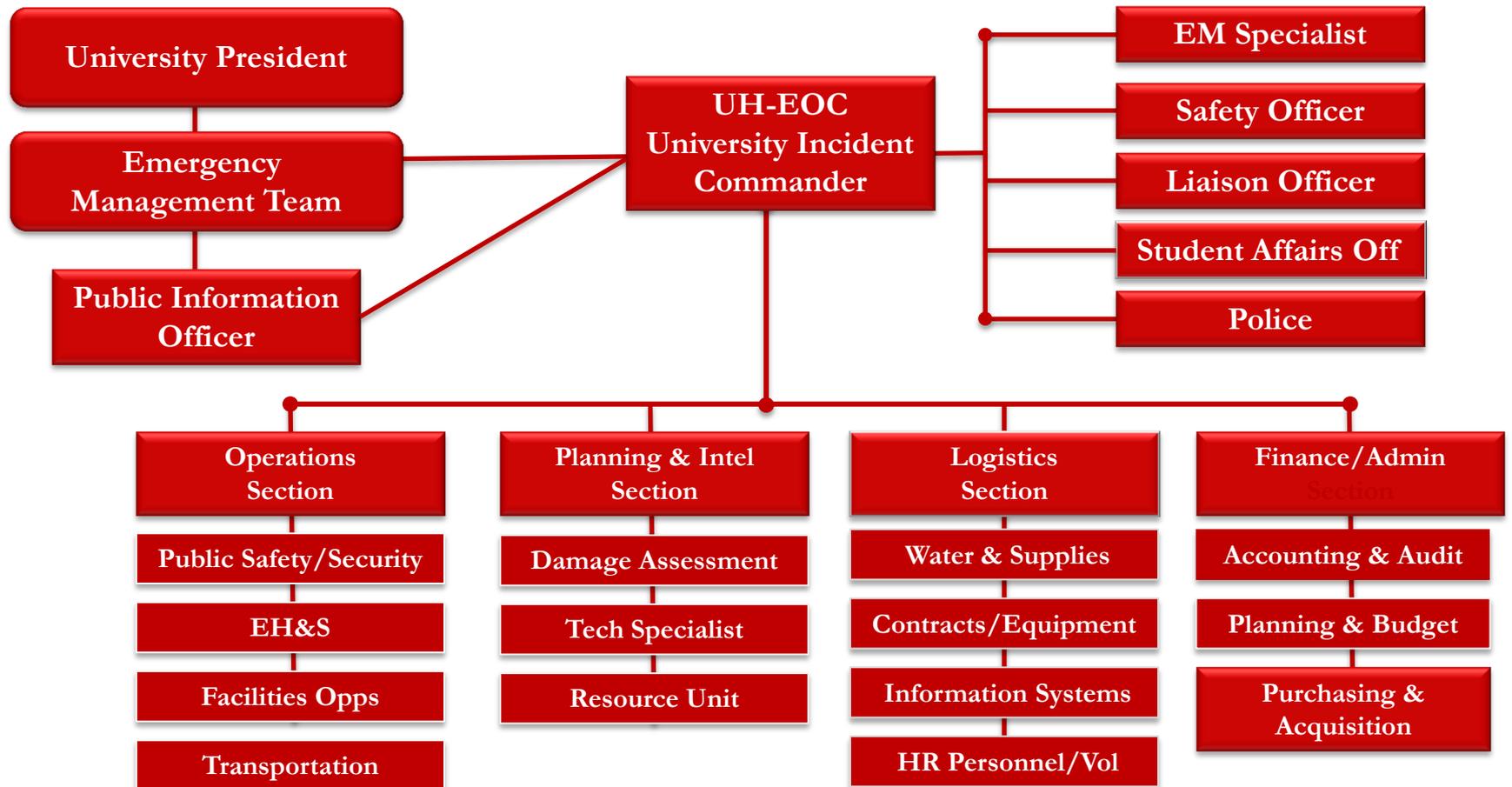
Logistics Section



Finance/Administration Section



EOC Activation



Emergency Operations Center

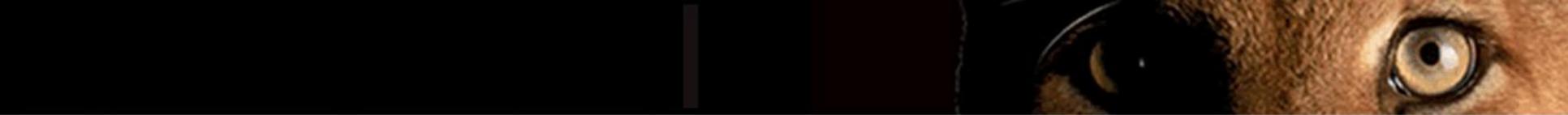




UH Nine Step Process

□ Systematic Emergency Management Programs

1. Campus wide emergency operations planning
2. Mitigation and preparedness activities
3. Analysis to identify hazards by priority
4. Incident specific response plans
5. Education, training and exercises
6. Emergency operations center capability
7. External coordination and mutual support
8. Evaluation, practice and after action reports
9. Implement lessons learned - Best Practices



Milestones

□ What are we doing?

- Enhancing to a comprehensive Plan.
- Coordinating emergency response protocols with internal and external stakeholders.
- Maintain to meet local, state legislation & federal requirements.
- Continue to seek funding for emergency management & campus safety programs.

□ Where are we going?

- Develop a strategic EM awareness program
- Produce high caliber training for students, staff and faculty (e.g. preparedness, campus threat & risk assessments...).
- Exercise Plans
- Focus for accreditation standards.
- Close gaps through Best Practices.



MALCOLM C. DAVIS
ASSISTANT VICE PRESIDENT FOR PUBLIC SAFETY AND SECURITY
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QUESTIONS

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PUBLIC RESEARCH UNIVERSITY