

# UNIVERSITY OF MARYLAND MARYLAND FIRE and RESCUE INSTITUTE



**Emergency Medical Services Board Presentation**





# University of Maryland College Park

Part of the University of Maryland, Maryland Fire and Rescue Institute (MFRI) is the state's comprehensive emergency services training and education organization and is headquartered on campus in College Park.





# Mission Statement

The Maryland Fire and Rescue Institute is the state's training and education system for all-hazard responses. The Institute plans, researches, develops, and delivers quality programs to prepare agencies and individuals to protect life, property, and the environment.



# Vision Statement

The Maryland Fire and Rescue Institute is and will continue to be a premier emergency services training and education organization by developing and delivering high-quality training. MFRI will constantly evolve to address developing trends and needs in emergency services training.





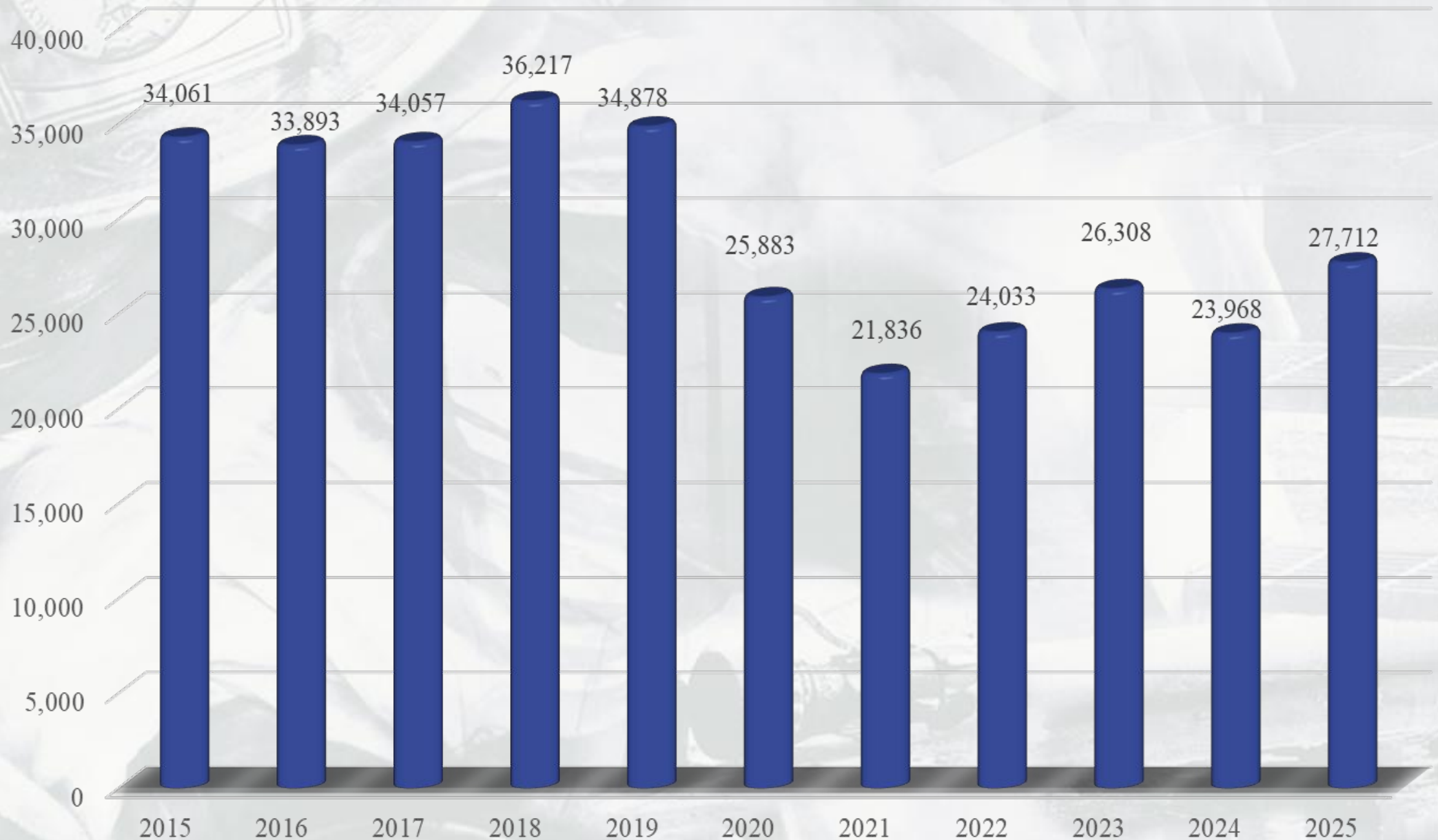
# Organizational Core Values

Seven core values support MFRI's mission, shape our culture, and reflect what is important to the Institute.



- Academic Excellence
- Student Success
- Safety
- Equality
- Integrity
- Professionalism
- Responsibility

# MFRI Student Enrollment History

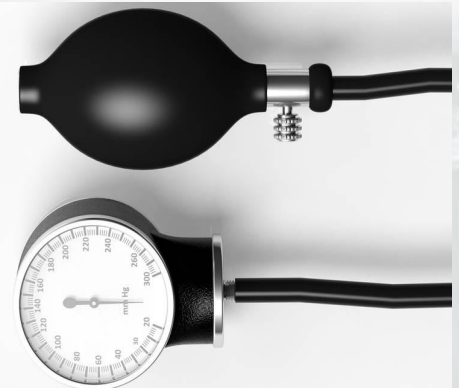




# MFRI 2025 Student Program Statistics

**Total Students By Discipline 27,712**

- Advanced Life Support (ALS) 934
- Company Drills 688
- EMS 4,821
- Fire 6,496
- Hazardous Materials 1,830
- Industrial 3,903
- Management 3,370
- Prof. Development for Instructors 1,073
- Rescue 1,976
- Seminars 941
- Simulation Center 1,680



# **MFRI 2025 Statistical Report**

**Total Student Hours: 859,226**

**Total Instructional Hours: 70,422**

**Total Courses Offered: 3,755**

**Total Part-Time Instructors: 450**





# NEW PROPS AND EQUIPMENT

Props and equipment purchased in 2025 help equip students for their demanding, life-saving training.

- ALS Training Manikins
- Confined Space Simulator
- Confined Space Rescue Tripods
- Confined Space & Swiftwater Rescue Training Manikins
- Flashpoint Fire Dynamics Props
- Hazmat Tractor Trailer Propane Prop
- MSA Gas Meters
- SCBA Gear Sets
- Simulation Software for Cardiac Monitor Simulators
- Structural Firefighting PPE Sets
- Taylor'd Training Props
- Trench Training Prop
- Water Mapping Devices





# MFRI FISCAL YEAR 2026 BUDGET

## *REVENUE*

State Revenue via EMS Operations Fund      \$12,280,248

Projected Earned Income      \$    625,000

Income from Grants      \$ 1,000,000

***TOTAL BUDGET***      **\$13,905,248**





# GRANT FUNDING

In FY25, MFRI was awarded \$1,000,000 in grant funding from the following sources:

## **Assistance to Firefighters Grant (AFG)**

*Awarded by the Department of Homeland Security (DHS)/Federal Emergency Management Agency (FEMA)*

## **National Fire Academy/Fire Training Systems Grant (NFA/FTS)**

*Awarded by DHS/FEMA*

## **Hazardous Material Emergency Preparedness Grant (HEMP)**

*Awarded by the Maryland Department of Emergency Management (MDEM)*

## **Incident Management Training and Support (IMT)**

*Awarded by Maryland Department of Emergency Management (MDEM)*

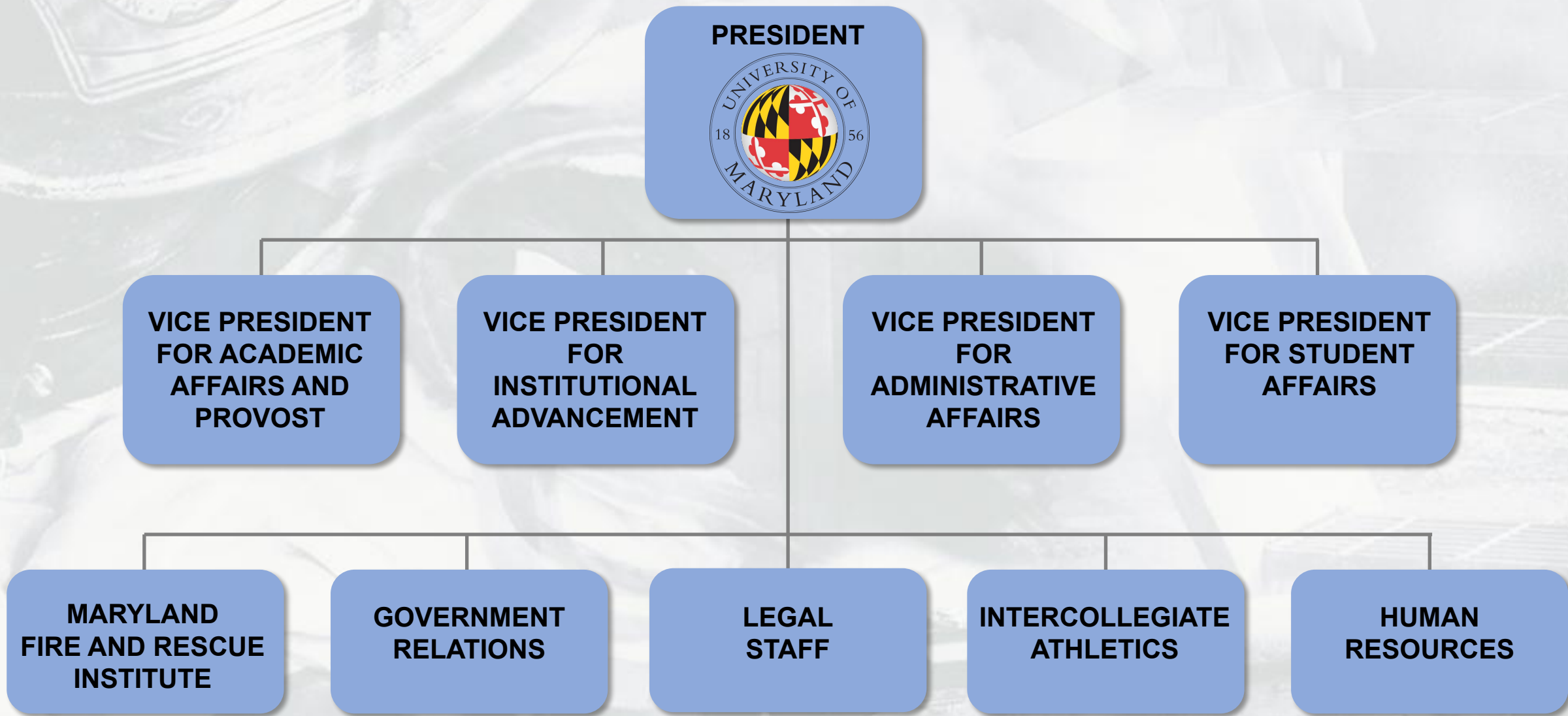
## **GRANT FUNDING**

Empowers MFRI to equip first responders with the latest training tools, protective equipment, and life-saving skills.



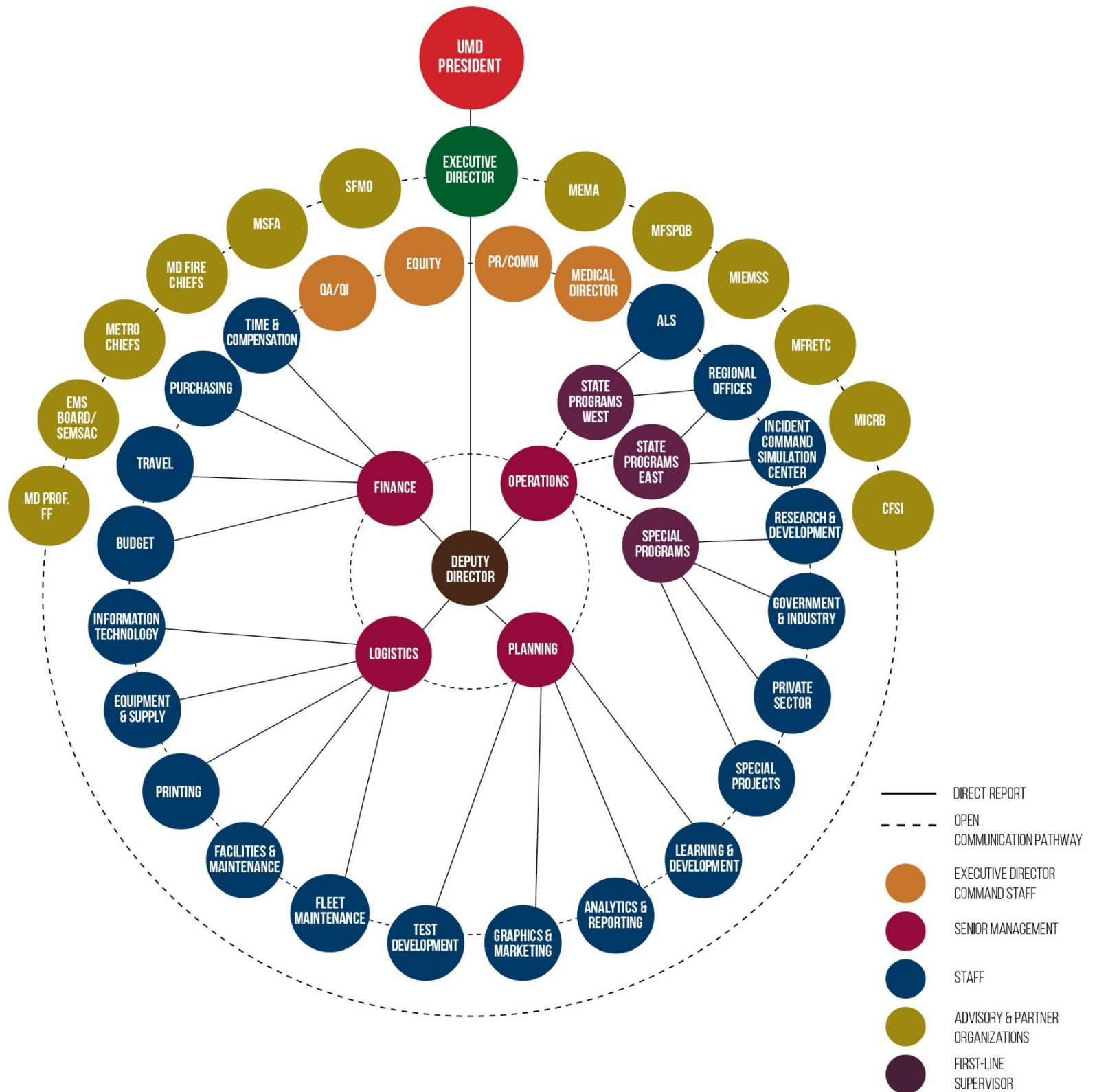
# UNIVERSITY OF MARYLAND

## ADMINISTRATIVE ORGANIZATIONAL CHART





# MFRI ORGANIZATIONAL CHART





# FIRE LAWS OF MARYLAND

## 13-103. FIRE AND RESCUE INSTITUTE

(a) Established - There is a Maryland Fire and Rescue Institute in the University of Maryland.

(b) Executive Director

□ (1) The head of the Institute is the Executive Director

□ (2) The Executive Director-

□ (i) *shall report directly to the President of University of Maryland at College Park; and*

□ (ii) *may adopt rules and regulations necessary to carry out this section.*

(c) Duties of Institute - The Institute shall:

□ (1) Provide classroom education and training for career and volunteer fire and rescue personnel, both at the Institute and throughout this State;

□ (2) Cooperate with other agencies that provide training for fire and rescue personnel;

□ (3) Train instructors;

□ (4) Prepare or adopt materials for training fire and rescue personnel;

□ (5) Develop new fire and rescue training techniques.



# FIRE LAWS OF MARYLAND

## 13-103. FIRE AND RESCUE INSTITUTE *(continued)*

- (6) Develop and implement specialized courses in fire fighting, including industrial fire fighting;
- (7) Maintain statistics and records on fire and rescue education, training, and related matters;
- (8) Develop programs to inform the public about the tasks performed by fire and rescue personnel;
- (9) Establish guidelines for instructional material to school systems in the State concerning fire and rescue education;
- (10) Provide disaster training for fire and rescue personnel; and
- (11) cooperate with the Maryland Institute for Emergency Medical Services Systems to provide basic training for rescue personnel and emergency medical technicians.

(d) Funding - The Institute shall have the funds provided in the state budget. *(An. Code 1957, art.77A, 27AG-27AL; 1978, ch. 22,2; ch. 607; 1988, ch. 246.2; 1989, ch. 5,1; 1996, ch. 10,16.)*

# GEOGRAPHIC REACH

MFRI headquarters and our six regional training centers are strategically located around the state to provide accessible training with limited travel. MFRI also delivers training at county and municipal training centers in ten Maryland counties.





# MFRI HEADQUARTERS

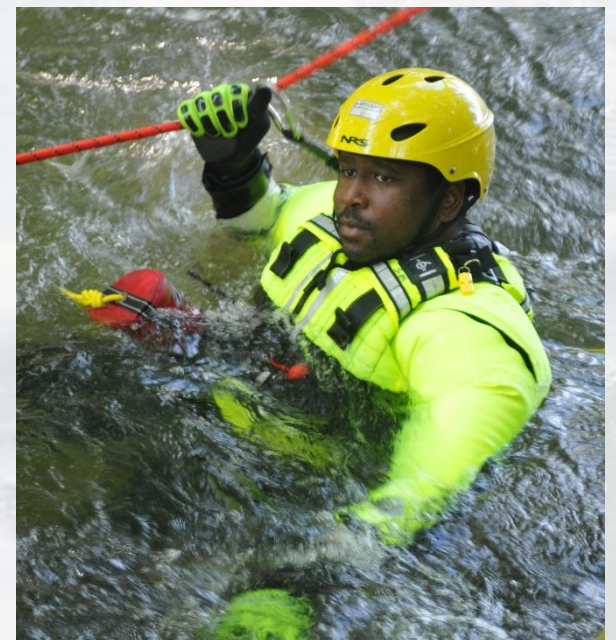
## UMD COLLEGE PARK CAMPUS





# LOWER EASTERN SHORE

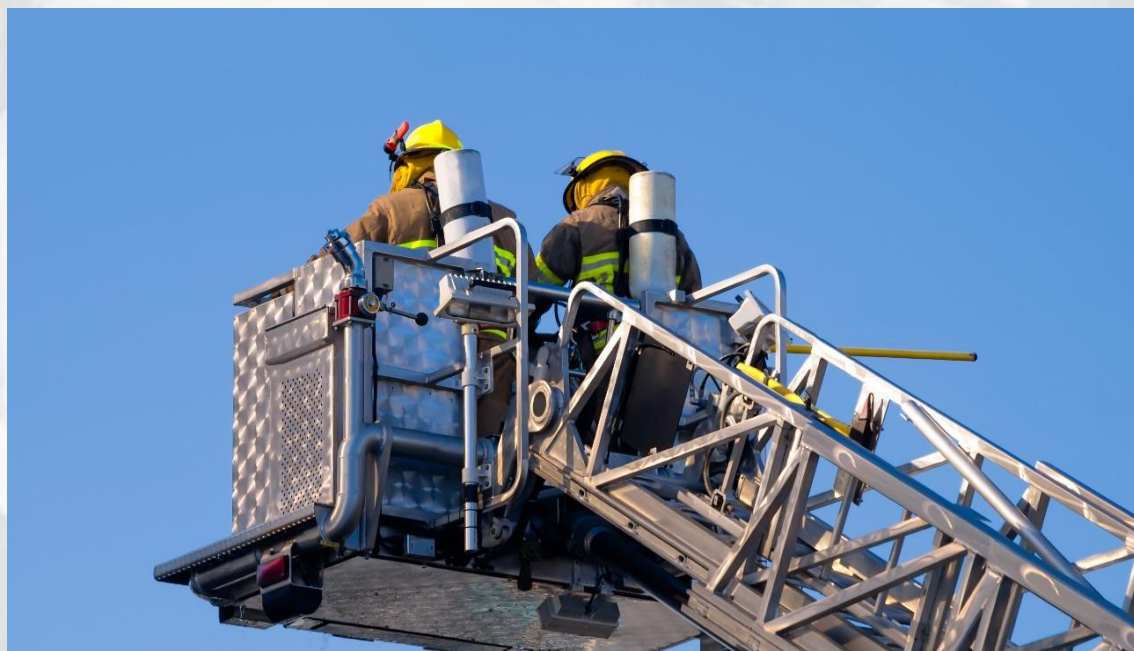
## UMD EASTERN SHORE CAMPUS





# NORTH CENTRAL

## MOUNT AIRY





# NORTH EAST EDGEWOOD





# SOUTHERN MARYLAND

## LA PLATA





# WESTERN MARYLAND

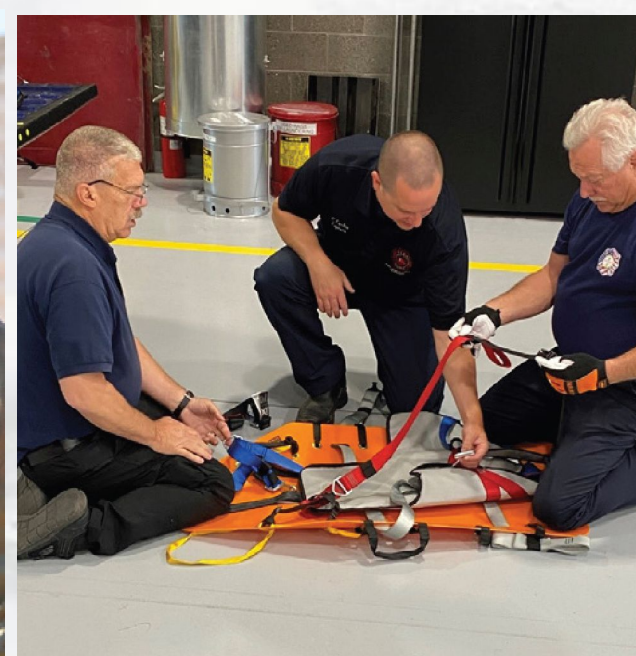
## CRESAPTOWN





# UPPER EASTERN SHORE

## CENTREVILLE





# PEARSON VUE TESTING



With assistance from our partners, MFRI established Pearson VUE test centers at all six regional training areas statewide and at MFRI headquarters.

This was done to enhance the EMT testing process and alleviate the scheduling and travel issues associated with National Registry testing.

Now cognitive testing is once again a part of the EMT class.





# ORGANIZATIONAL PARTNERS

- Council of Academies County and City EMS/Fire/Rescue Departments
- International Fire Services Accreditation Congress
- Maryland Fire Chief's Association
- Maryland Fire/Rescue Education and Training Commission
- Maryland Fire Service Personnel Qualifications Board
- Maryland Institute for Emergency Medical Services Systems
- Maryland Metro Chiefs
- Maryland State Firefighters Association
- Maryland State Police Aviation Command
- Maryland State Professional Firefighters
- National Fire Academy
- National ProBoard
- North American Fire Training Directors
- R Adams Cowley Shock Trauma Center

Collaboration maximizes resources, enhances response capabilities, and ensures that when emergencies strike, our combined efforts save lives.



# COLLABORATIVE INITIATIVES, PREPAREDNESS, AND RESEARCH

## MISSION

Focus the talents and existing resources of the many University of Maryland sections and state/federal agencies to foster innovative technologies/practices to improve planning, response, mitigation, and recovery from the various types of domestic incidents.



## PARTNERSHIPS

- MFRI is working with the A. James Clark School of Engineering at UMD to develop self-powered self-contained breathing apparatus (SCBA) for firefighters.
- Collaborating with UMD's Department of Fire Protection Engineering, MFRI is supporting the testing of an innovative drone created to compete in a global wildfire firefighting challenge.
- In support of the Governor's Maryland Corps/Service Year Option, MFRI is training young adults to become first responders through a yearlong, paid opportunity.



# QUESTIONS?

University of Maryland  
Maryland Fire and Rescue Institute

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