

2012 ANNUAL REPORT



UNIVERSITY OF MISSOURI
M Extension
Fire and Rescue Training Institute



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A MESSAGE FROM THE ASSOCIATE VICE PROVOST



The University of Missouri Extension is proud of the Fire and Rescue Training Institute (MU FRTI) as it continues to maintain its stellar reputation as one of the leading statewide fire training systems in the country. This year MU FRTI celebrates its 30th year as an accredited Institute of the University. This historic anniversary exemplifies MU FRTI's on-going commitment to train the current and future generations of Missouri's fire and emergency service personnel.

MU FRTI sits at the heart of Extension's mission by offering the local delivery of critical occupational training and education to emergency responders within the state of Missouri and beyond. The Institute is a multidisciplinary program which uses community-based specialists to offer a variety of specialized training to meet the immediate needs of emergency responders. This approach resulted in the Institute reaching students/firefighters in all 114 counties of the state during FY12.

As you view the MU FRTI 2012 Annual Report, the statistics presented represent real people who have acquired essential knowledge and skills. Every hour of instruction received and every first responder trained translates directly into a safer state and nation. Thank you to the faculty and staff at MU FRTI as well as their partners and supporters for providing such an invaluable service to our great state.

Beverly Coberly
Associate Vice Provost for Programs
University of Missouri Extension

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Associate Vice Provost for Programs
University of Missouri Extension

A MESSAGE FROM THE DIRECTOR

Fiscal Year 2012 (FY12) marked a milestone for the University of Missouri's Fire and Rescue Training Institute (MU FRTI). The University of Missouri's involvement with and support of fire training began with the first Missouri Central Fire School held on the University's campus in 1933. With the FY12 Summer Fire School held in June, MU FRTI celebrated the 80th anniversary of the fire training program.

Through the partnerships and assistance of Missouri's state agencies, associations and organizations, elected officials, and you, our constituents, MU FRTI has had another successful year in delivering training to the state's fire and emergency service responders. Additional course subsidy funding made available during the year through the Governor and our elected officials, along with the Division of Fire Safety and the Missouri Fire Safety Education/Advisory Commission, played a significant role in the increase in the number of firefighters trained this year. Directed funding provided by MU Extension also enabled additional course opportunities for rural counties throughout the state.

In FY12, MU FRTI trained over 17,000 emergency responders, which was a 10% increase over FY11. The Institute conducted 696 courses that provided over 217,000 student instructional hours of training. The Institute also maintained its record of statewide outreach by training students in all 114 counties of the state.

MU FRTI also celebrates another milestone event with the beginning of the new fiscal year (FY13). July 1st this year commemorates the 30th anniversary of the program being designated as an accredited Institute of the University. Many key personnel and prominent Missouri Fire Service leaders helped the fire training program gain this recognition and designation. The vision and dedicated efforts of our predecessors have helped to ensure the long term availability of training resources for our firefighters.

MU FRTI remains committed to the University's directive for the Institute of providing training and education that will develop and enable more competent and safer firefighters as well as safer communities for the citizens of Missouri and beyond. Thank you for your continued support of the Institute and the training programs we provide.

David E. Hedrick
Director
Fire and Rescue Training Institute
University of Missouri Extension



David Hedrick
Director



OVERVIEW

REPORT SYNOPSIS

The University of Missouri Extension's Fire & Rescue Training Institute (MU FRTI) is charged with the responsibility of providing comprehensive continuing professional education and training to Missouri's fire service, emergency responders, and allied personnel. Because of its mission, MU FRTI has a direct impact on the well-being and protection of Missouri's greater than 23,000 firefighters and the 5.9 million citizens they serve. The Institute self-generates over 88% of its operational budget through federal, state, and local grants, contracts, and fees. The accredited course work of the Institute is taught through a diverse delivery system across the state providing accessible, multidiscipline education and training.

Contained within MU FRTI is the Emergency Management Program, a cooperative effort of both MU FRTI and Community Development within University of Missouri Extension. Community Emergency Management Program (CEMP) plays a leading role in emergency preparedness and management by providing education and technical assistance.

During Fiscal Year 2012 (FY12), the Institute provided 217,848 instructional hours of training and conducted 696 individual courses with a total enrollment of 17,096 students. Increased subsidy funding in FY12 enabled a 10% increase in student enrollments over the previous year. All 114 Missouri counties, as well as 43 other states, were represented in FY12 training. In FY12 MU FRTI personnel, vehicles, and support trailer fleet traveled 246,207 miles to deliver training. Every hour of instruction received and every emergency first responder trained translates directly into safer firefighters and safer communities.

PUBLIC VALUE MESSAGE

Training provided by the University of Missouri Fire and Rescue Training Institute (MU FRTI), enables students to gain the knowledge and skills that will improve their abilities to handle or mitigate fires and disasters which will result in safer firefighters, safer citizens, safer communities, and a safer state/nation.

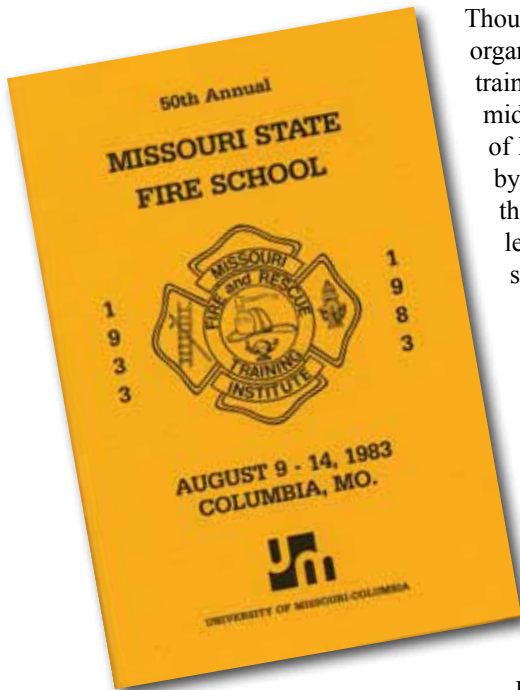
1949 PATCH



MISSION STATEMENT

The mission of the University of Missouri Fire and Rescue Training Institute is to plan, develop, deliver, and administer state-of-the-art continuing professional education courses which meet the comprehensive training needs of fire and rescue personnel and other emergency managers and responders utilizing the most efficient and effective means possible, thereby enabling them to better protect lives and property within their communities.

THE MU FRTI STORY



Though fire service training has always been a part of every organized fire department, the early years in Missouri saw few training opportunities outside one's own department. In 1933, mid-Missouri fire departments joined with the University of Missouri to address the need for more advanced training by conducting the first Missouri Central Fire School. From these modest beginnings, the University of Missouri took a leading role in the training of Missouri's fire and emergency service responders.

Statewide fire training in Missouri remained fairly rudimentary throughout the 1930s and early 40s. Summer Fire College, supported by the University, remained the single main initiative. In 1941, the State Department of Vocational Education created a single Fire Instructor position that was later transferred to the Inspection and Rating Bureau. State fire training found a permanent full time home with the University of Missouri when all programming was turned over to the University in 1947. A fulltime fire service training program was developed within the University's Division of Adult

Education and Extension Services. The new program was named the "Firemanship Training" program.

Through the dedicated work of key leaders in the state's fire service along with the statewide support of the fire service, the University of Missouri provided additional resources to expand the program. With the expansion, the University granted full Institute accreditation to the program on July 1, 1982 and changed the name to the Missouri Fire and Rescue Training Institute. Finally in 1991, the Institute's name was officially changed to the MU Fire and Rescue Training Institute, the name it retains today.

MU FRTI is listed as the sixth oldest state level fire training program in the United States. The Institute's mission continues to be focused on providing effective, standards-based, quality training and education for our state and nation's emergency responders.



1949



1962



1982



1988



1991

ORIGINAL MU FRTI FIRE STATION

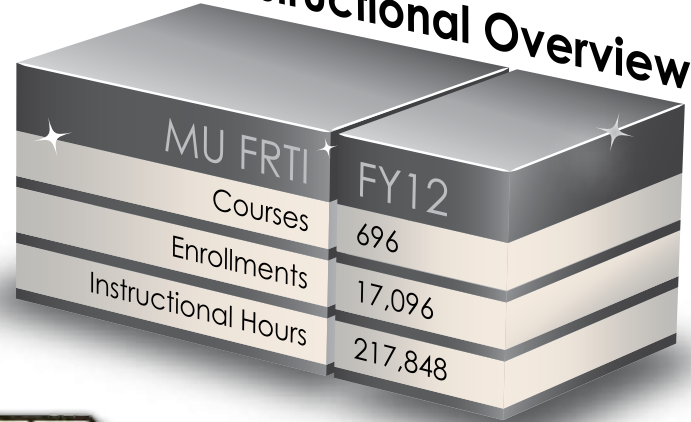


PROGRAM DATA

FY12 Program Performance

In FY12, the Institute conducted 696 courses, with 17,096 enrollments, and 217,848 student instructional hours. MU FRTI courses recorded enrollments from all of the 114 counties in the state, as well as enrollments from 43 other states. These quantities of student instructional hours are equivalent to 726.2 Student Full Time Enrollments (SFTE).

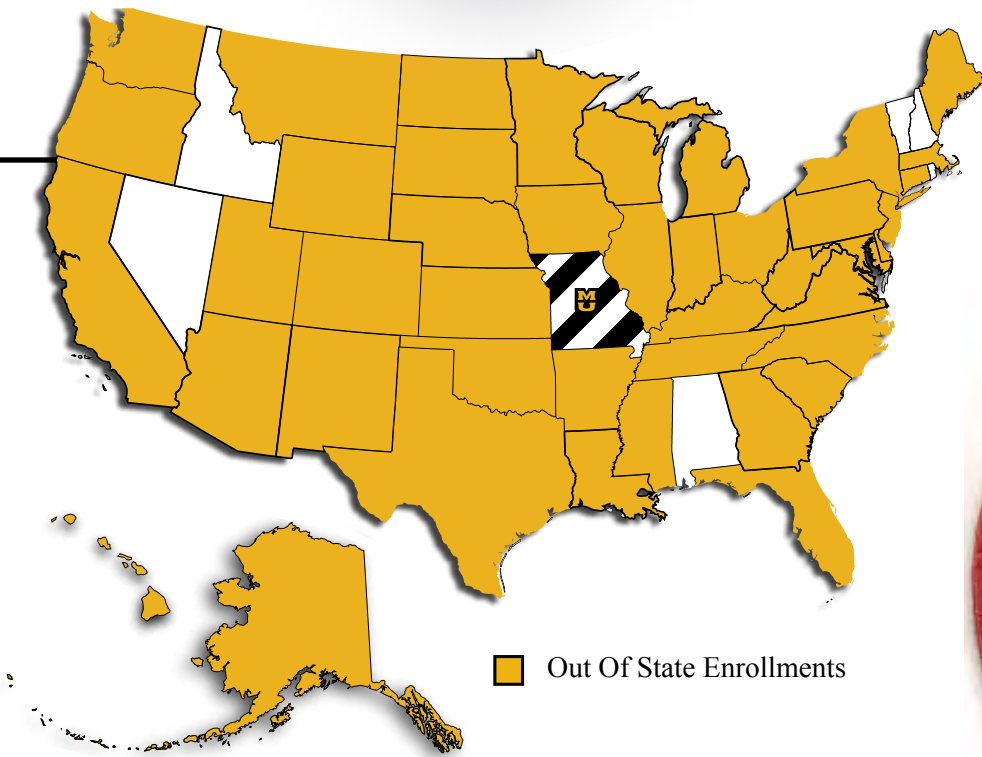
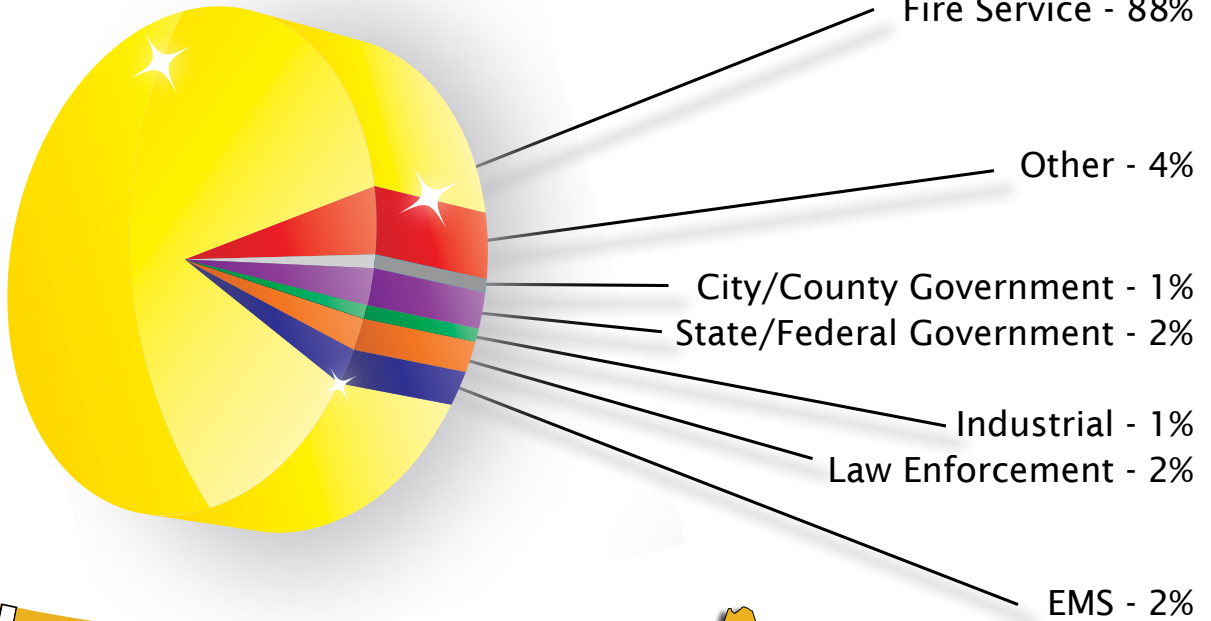
Instructional Overview



Number of Students by Counties

Student Composition

MU FRTI programming is open to all qualified fire, emergency first responders, and emergency managers on an equal opportunity basis. MU FRTI's student composition is similar to the overall composition of the fire and emergency service responders in the state. Based on student surveys, 10% of MU FRTI students had less than one year of in-service experience while 49% had 1 to 10 years of in-service experience. Further demonstrating the ever-present need to learn in the fire service, 16% of the student population in FY12 had over 20 years of in-service experience. The FY12 student data revealed that MU FRTI had trained emergency responders from every one of the 114 counties in Missouri.



1962 PATCH



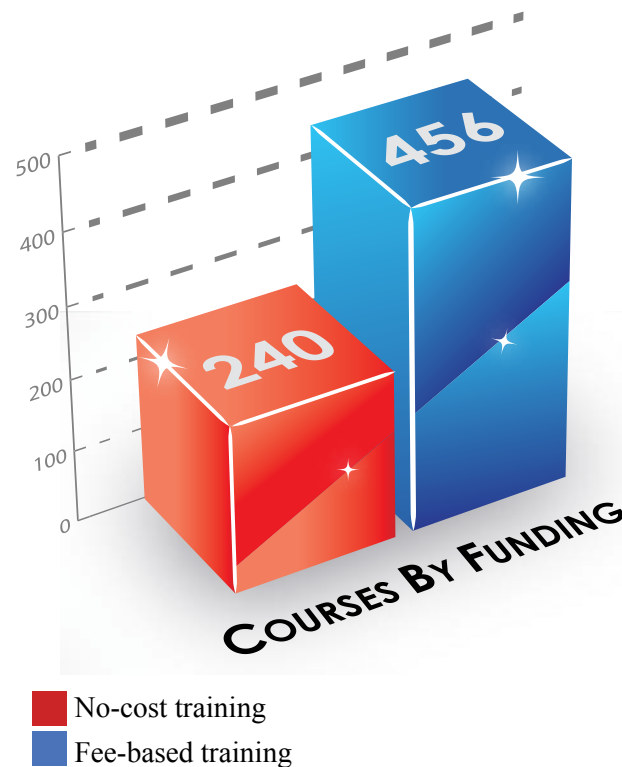
PROGRAM DATA

Fiscal Matters and Responsibilities

Though the economic climates of the U.S. and the state continued to be of concern during FY12, the institute was able to minimize the impact of tightened budgets and increased operational costs. During the budget planning process for FY12, various state fire organizations and agencies, in concert with elected officials, worked diligently to garner additional state fire training funds as part of the Division of Fire Safety's (DFS) budget. As the state economy improved in the spring, the Governor was able to release these funds. A significant portion of the state training funding was awarded to MU FRTI by the Missouri Fire Safety Education/Advisory Commission through DFS to support identified training initiatives.

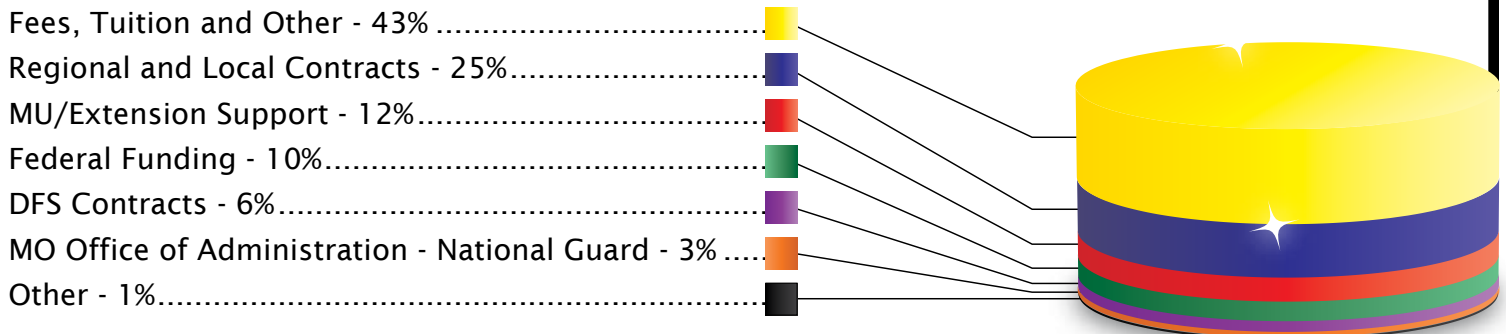
MU FRTI gratefully acknowledges the funding resources provided by the University, Extension, and state and federal government and organizational partners. The on-going assistance and resources provided by our partners will assure the continued success and financial health of the Institute.

Although university and general business costs increased, the Institute held even its overall course and tuition rates during the fiscal year. MU FRTI self-generates 88% of its operational budget through fees, contracts, and grants. MU FRTI continues to practice good stewardship in keeping administrative costs low, directing resources to instruction, and effectively utilizing subsidy funds to make training as accessible as possible to Missouri's fire and emergency service responders.



Funding Sources

Quality, state-of-the-art training is a signature of MU FRTI, and it is a commitment that requires extensive resources. The Institute's ability to respond to new fire fighting challenges depends on the continuing support of Missouri fire departments, state agencies, and other partners. We appreciate the partnership and funding support provided by the various state agencies, associations, and organizations in assisting MU FRTI in making fire and emergency service training as cost accessible as possible.



Customer Satisfaction

To judge the effectiveness of each course that MU FRTI presents, a course evaluation is completed by each student in the course. The evaluation form provides the opportunity for the student to give feedback through answering questions regarding these six areas: course, visual materials, activities, printed materials, instructor(s), and classroom. A numerical rating scale is used to tabulate responses on a scale of 0 – 4 which corresponds to a letter grade of “F” to “A”. MU FRTI’s overall customer satisfaction rating continued to be a 3.1 in FY12 equating to a “B” average.



Program Accessibility

Programming is open to all qualified fire, emergency first responders, and emergency managers on an equal opportunity basis. MU FRTI provides training courses across the state at local “host” departments or agencies, and schedules the training as appropriate to meet their needs. With 90% of the state’s fire service considered volunteer or part-paid this local access and flexibility assures training opportunities for all firefighters. MU FRTI is known for “bringing training to the student.” This includes, where necessary, the transport of specialized fire training props and equipment to training locations throughout Missouri, as well as other states. MU FRTI has a fleet of 20 training support and equipment trailers that range from small cargo trailers to semi-tractor trailers. In FY12 MU FRTI personnel, vehicles, and support trailer fleet traveled 246,207 miles to deliver training.

Missouri’s Fire Service

Missouri has 893 fire departments/fire protection districts in the state that are served by an estimated 23,600 firefighters. They protect a population of 5.9 million people dispersed over 68,886 square miles. On the average there are 4 firefighters for every 1,000 citizens in the state. By geographic distribution there is on the average one firefighter per three square miles. The state continues to be protected mostly by volunteer firefighters with approximately 90% of the state’s fire service considered volunteer or part-paid.

Each and every day Missouri firefighters and emergency personnel have the potential to respond to fires, emergency medical events, and disasters in order to protect their citizens and communities. When these incidents occur, the state’s emergency responders valiantly work to aide in the mitigation of these incidents and assist in the restoration of their communities. The occupation or avocation of firefighting by its nature has inherent risks.

During this past year three Missouri firefighters were lost in the Line of Duty while protecting their fellow citizens. MU FRTI faculty and staff extend our deepest sympathy to the fire departments and families of these honored heroes, and we continue our dedicated commitment to reducing Line of Duty deaths by developing better prepared and trained firefighters.

1950’s PATCH



PROGRAM AREAS

REPORT FROM THE ASSISTANT DIRECTOR



Kevin Zumwalt
Assistant Director

The Assistant Director of the Fire and Rescue Training Institute is responsible for daily operations of the Institute along with the oversight of special projects and conferences. The position provides assistance and back-up to the Director in the accomplishment of the programmatic objectives of Extension's training and education mission. The Assistant Director administers programmatic areas within the Institute; is responsible for the oversight of curriculum review and development; acts as the liaison/coordinator for various electronic communications and data storage resources of the Institute; and seeks opportunities for grants and contracts to support the Institute.

Curriculum Updates

In FY12 the Institute completed an update to the Fire Officer I and II curriculums. This update brought the curriculum into compliance with the 2009 edition of NFPA 1021, *Standard for Fire Officer Professional Qualifications*. We also completed a total rewrite of our Hazardous Materials Technician course. Many changes were made to the 2008 Edition of NFPA 472, *Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents*. These curriculums are currently under final review by the Missouri Division of Fire Safety for acceptance toward certification.

National Fire Academy

Since the establishment of the U.S. Fire Administration's National Fire Academy (NFA), it has worked cooperatively with the state fire training systems to make NFA programming as accessible as possible. As part of the NFA/State Training System partnerships, various joint training opportunities were developed using enfranchised, endorsed, and/or state sponsored programming. Through this partnership in Missouri, MU FRTI is the local point of contact for the NFA. As a result of the joint partnership in FY12, MU FRTI and the NFA coordinated the delivery of nine direct course deliveries from the National Fire Academy within Missouri. MU FRTI conducted 22 NFA courses as in-state deliveries through the NFA state training grant program. In addition through the Enfranchisement agreement between the NFA and MU FRTI, the Institute registered 150 courses with the NFA for dual credit for 2,659 students, equating to 41,720 student instructional hours.

NIMS ICS All-Hazards Position Specific Training Program

MU FRTI in partnership with FEMA, the Emergency Management Institute (EMI), the Missouri State Emergency Management Agency, and the Office of Homeland Security, was able to provide additional ICS training that may be needed by personnel responsible for managing incidents of greater complexity than those typically encountered during routine operations. This training is designed to provide All-Hazards competencies and behaviors for Command and General Staff and selected Unit Leader positions within a Type III and/or Type IV Incident Management Team (IMT) environment. The training competencies are focused around the ability of the student to assume specific position responsibilities, lead assigned personnel, communicate effectively, and to ensure the completion of assigned tasks in order to meet identified objectives for the position.

In FY12 the Institute delivered six All-Hazards Position Specific courses to 109 students for a total of 3,608 student contact hours. Classes were delivered by the request from the following agencies: The Mid-America Regional Council; St. Louis Area Regional Response System; and the Missouri Office of Homeland Security.

Supplementary Programs

In addition to the standard training provided by MU FRTI, the Institute provides other technical training opportunities, programs, and services to meet the ever-increasing needs of the state's fire and emergency service responders. MU FRTI is here to meet your training and educational needs.

"I would like to commend you and your staff on the firefighting training classes that are conducted by the MU Fire and Rescue Training Institute throughout the state of Missouri. As you know the Missouri State Fair Fire Department has personnel from FIRE and EMS departments from across the state that volunteer their services at the fair. Thanks to their home department's training and the consistent training available through MU FRTI, it makes it easy for everyone to come together to protect lives and property at the Missouri State Fair."

Rick Dozier
Fire Chief
Missouri State Fair Fire Department

MU FRTI Instructor Conference

The MU FRTI Instructor Conference is designed for those individuals preparing and presenting training programs for fire, rescue and EMS personnel, and public fire education. Instructors and other supervisory personnel find this conference valuable in planning for the training needs of their organizations. The Instructor Conference for FY12 was held at the Resort at Port Arrowhead at the Lake of the Ozarks in October and was approved for 12 hours continuing education credits by the Missouri Division of Fire Safety. The participants of the conference had the opportunity to select from four workshops to assist with improving their own instructional skills. Also, MU FRTI conducted three Train-the-Trainer (T-t-T) workshops as pre-conference opportunities for instructors to pick up hand-off courses from the Institute. We were pleased to partner with Volunteer Fire Insurance Services (VFIS) to deliver a new T-t-T on Emergency Services Trailer Operations and Safety course. The training of emergency vehicle operators in the proper techniques and procedures for towing a trailer has become a significant training need with the increase use of trailer-mounted specialized and auxiliary equipment in fire departments.



1982 PATCH

Courses	11
Enrollment	496
Instructional Hours	2,636

Emergency Medical Technician Training Registered Programs

The University of Missouri Health Care – Emergency Medical Services Education (UMHC EMS) conducts pre-hospital EMS professional education for Basic and Advanced Life Support. This education includes the initial training for Emergency Medical Technician (EMT) or Paramedic, and also the continuing education for recertification. UMHC EMS Education partners with MU FRTI on EMS training courses to make them readily available to the fire service, as well as provide student transcript services.

Courses	3
Enrollment	64
Instructional Hours ..	22,316

Internet/Distance Learning Programs

Through a partnership with Mizzou Online (formerly Center for Distance and Independent Study), MU FRTI offers a series of courses that provide the student the opportunity to complete course work over the internet. These online courses provide convenient access 24-hours a day for enrollment and learning. Courses range from Hazardous Materials Awareness to Principles of Building Construction for the fire service.

Courses	15
Enrollment	3,229
Instructional Hours ..	25,936



PROGRAM AREAS

FIELD EXTENSION PROGRAM



Gail Hagans-Reynolds
Coordinator

The Field Extension Program housed within the Institute is responsible for coordinating all of the operational activities of fire and emergency response training courses, delivered using a field extension format across the state. This program oversees and allocates state funding sources for direct field training deliveries and the scheduling of regional conferences. A significant percentage of the funding to provide courses through the Field Extension Program comes from the Missouri Department of Public Safety – Division of Fire Safety (DFS). MU FRTI appreciates the successful partnership with the DFS and the Missouri Fire Safety Education/Advisory Commission (formerly the Fire Safety Advisory Board and Fire Education Commission), along with all our state and federal partners, in providing funding subsidy for the delivery of no-cost statewide training for Missouri’s fire and emergency service responders.

MU FRTI conducted four Regional Fire Schools in FY12. Regional Fire Schools bring multi-course programming in a weekend format to geographic areas of the state with course work designed to meet regional training needs or concerns. In FY12, Regional Fire Schools were conducted for: Region D – Greene County/Springfield, MO; Region E – Cape County/Jackson, MO; Region H – Savannah, MO; Region I – Pulaski County, MO. A total of 175 students participated in Regional Fire Schools.

- Division of Fire Safety training funding that was contracted with MU FRTI provided for the total delivery of 144 subsidized classes for a total enrollment of 2,312 students, which equated to 63,572 student instructional hours.

Missouri Fire Safety Education/Advisory Commission and DFS/General Revenue Training Funding

Courses 116
Enrollment..... 2,284
Instructional Hours 35,172

Chemical Emergency Preparedness Fund

Courses 28
Enrollment..... 3,492
Instructional Hours 28,400

- Missouri Department of Transportation (MODOT) Highway Safety Grant provided funding that was contracted with MU FRTI to conduct highway safety emergency response related courses in FY12. Data below reflects courses conducted under a contract that extends through the federal fiscal year October 2011 to September 2012.
- The United States National Fire Academy (NFA) through the State Fire Training Grant program provided funding to MU FRTI to conduct NFA “Hand-off” and “Enfranchised” courses within the State of Missouri in FY12.
- The Field Extension Program traveled an estimated 76,000 miles in FY12 as part of the field extension outreach to provide accessible training courses.

MODOT Highway Safety Grant

Courses 15
Enrollment..... 290
Instructional Hours 3,928

NFA State Fire Training Grant

Courses 21
Enrollment..... 355
Instructional Hours 4,508

Field Extension Program Totals

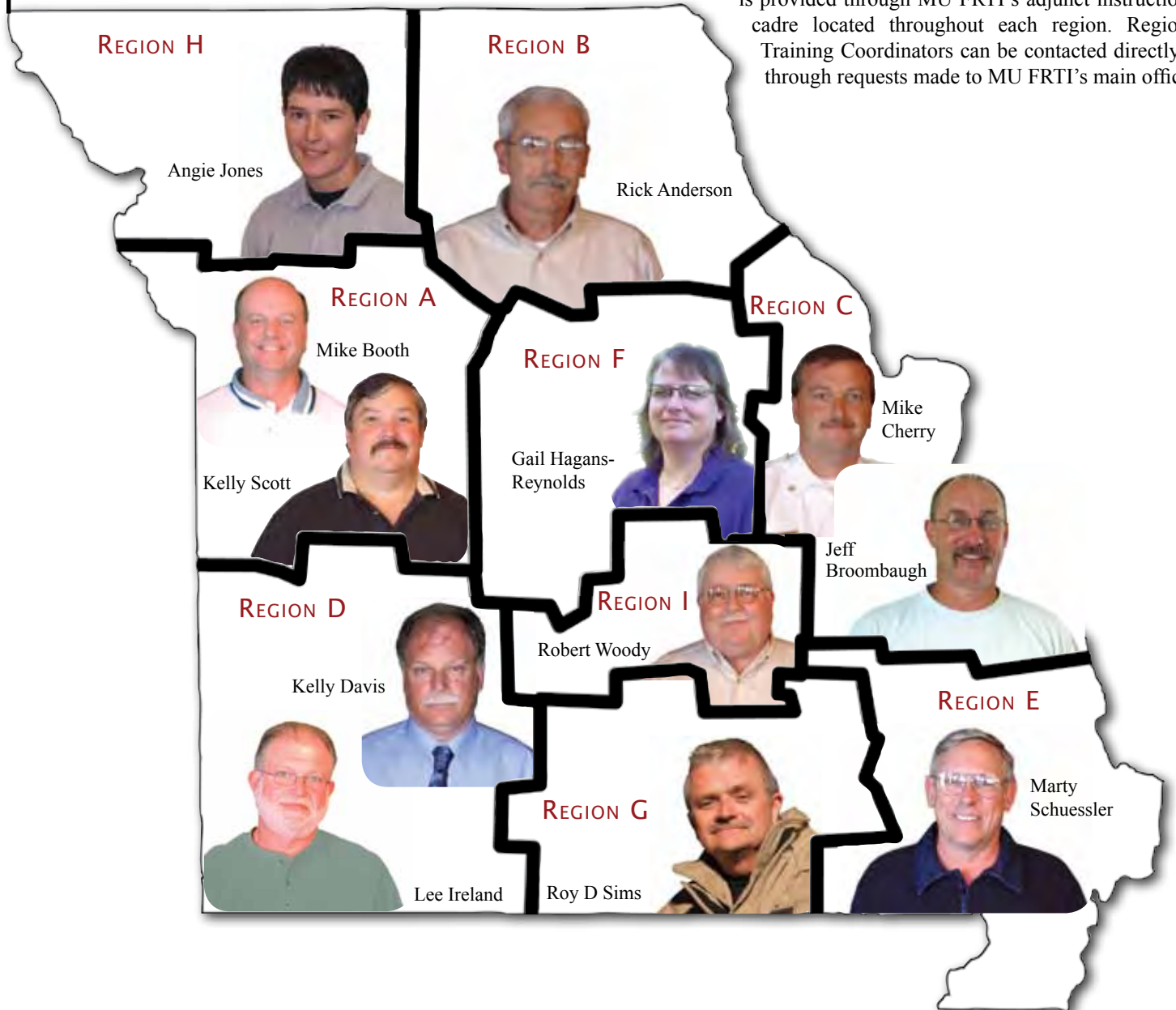
Courses 217
Enrollment..... 3,643
Instructional Hours 59,776

Agencies/Authorities Providing Contracts and Grants to Subsidize the Cost of Training

- Missouri Division of Fire Safety
- Missouri Fire Safety Education/Advisory Commission
- Missouri Emergency Response Commission
- Missouri Propane Education and Research Council
- Missouri Highway Safety Commission
- U.S. Fire Administration/National Fire Academy

Regional Training Coordinator System

To assist in the management and coordination of field extension training across the state of Missouri, MU FRTI has a well-established Regional Training Coordinator System. The state is divided into regions geographically corresponding to Missouri State Highway Patrol regions with an identified Regional Coordinator. These Field Coordinators provide a ready resource to enable fire departments at the local level to access and schedule needed training. Instruction is provided through MU FRTI's adjunct instructional cadre located throughout each region. Regional Training Coordinators can be contacted directly or through requests made to MU FRTI's main office.



PROGRAM AREAS

EMERGENCY MANAGEMENT



Eric Evans
Specialist

As the effects of natural and man-made disasters become more rapid, far-reaching, and wide-spread, governments at all levels must grapple with the limitations of their capabilities. To address the issue of building community resilience and providing services for the entire community, the Federal Emergency Management Agency (FEMA) has adopted the “Whole Community” approach. This approach looks beyond the traditional, “government-centric” approach to emergency management and embraces a philosophy and operational posture that leverages and serves the Whole Community. MU FRTI embraces and fully supports this concept through the services the Institute delivers through the Emergency Management Program. The program includes all aspects of services needed to build a strong emergency management program: planning, training, Homeland Security Exercise & Evaluation Program (HSEEP) compliant exercises, and development of products and services to meet specific needs of stakeholders.

Another aspect of the commitment of MU FRTI to assist communities build resiliency is through a cooperative effort of both the Institute and the Community Development program within University of Missouri Extension through the Community Emergency Management Program (CEMP). Extension specialists across Missouri use this program to provide support to local communities in their resiliency-building activities. This past year extension specialists have provided support to communities recovering from the 2011 tornadoes, Missouri River and Mississippi River floods, and currently, the 2012 drought issues.



Conne Burnham
Specialist

FY12 Projects and Exercises

- Coordinated with Boone County and Missouri Faith-Based Organization Disaster Initiative Phase II.
- Development of an after-action report for MU Extension’s experience in the Joplin tornado.
- Developed the Community Organizations Active in Disaster (COAD) Guidance Manual for the MO State Emergency Management Agency
- Chair of the COAD Committee of the MO Voluntary Organizations Active in Disaster Organization
- Scheduled the coordination of two Voluntary Veterinary Corps Conferences for the MO Department of Agriculture

Courses	5
Enrollment	93
Instructional Hours	789

1990's PATCH



“This past January 3rd – 5th the City of Chicago Office of Emergency Management and Communications held a CERT Train-The-Trainer class, which was taught by Instructors ...from the University of Missouri. The lessons taught were very informative and well received by class participants. The two were very knowledgeable and kept the class interested and engaged throughout.”

Lionell Martin
Office of Emergency Management and Communications
Chicago, Illinois

AIRCRAFT RESCUE FIREFIGHTING



Mark Lee
Specialist

The Aircraft Rescue & Fire Fighting (ARFF) Program provides specialized fire training to the Federal Aviation Administration (FAA) certificated airports in the FAA central region and across the nation. MU FRTI's ARFF Program utilizes a Mobile Aircraft Fire Training (MAFT) simulator to provide realistic, effective fire and rescue training on-site at airport locations. This provides ARFF personnel and other local mutual aid responders the opportunity to practice handling aircraft incidents in their local jurisdiction utilizing their own equipment and resources. The institute's ARFF Program is recognized by the FAA for meeting initial training and recertification requirements for ARFF personnel. In FY12, the ARFF Program provided training to Missouri indexed airports, as well as airports in five other states.

Courses..... 76
Enrollment..... 1,199
Instructional Hours . 7,896

Program Highlights During FY12

- MU FRTI continues to partner with other state training entities to provide hands-on “live” fire training for airport recertification in their state. MU FRTI is proud to partner with Kansas University Fire and Rescue Training Institute (KU FRTI) and Texas Engineering Extension Services (TEEX) for ARFF training.
- An “Aircraft Rescue and Fire Fighting for Structural Fire Fighters” course at Waynesville Career Center, Waynesville, MO, was conducted utilizing the Fort Leonard Wood mobile helicopter trainer.
- The ARFF Program instituted a one day requalification training day and an initial 40 hour aircraft rescue firefighting training course conducted twice a year in June and November. The programs assist airport managers in ensuring staff are adequately trained to meet the Federal Aviation Administration (FAA) Part 139 requirements.
- The mobile aircraft firefighter trainer traveled over 25,000 miles in FY12.



INDUSTRIAL AND BUSINESS SAFETY



Dean Martin
Industrial and
Specialized Training
Coordinator

The Industrial and Business Safety Program continues to provide industrial fire brigades and emergency response teams with the tools to handle confined space rescues and hazardous material responses, as well as opportunities to perfect firefighting skills. Programs are tailored to meet the site specific needs of the client by incorporating their emergency response plan and operational procedures in the development of the individualized training programs. Courses are conducted “on-site” at industrial facilities and/or host fire training facilities depending on the course activities and skills.

The program has added a new manager in FY12. Dean Martin will be coordinating industrial and specialized programs, broadening the scope of this program area for the Institute.

Courses 18
Enrollment 173
Instructional Hours 1,872

Customers in FY12

- Noranda Aluminum Incorporated
- TEVA Pharmaceuticals USA

PROGRAM AREAS

HAZARDOUS MATERIALS AND COUNTER TERRORISM



Bruce Bjorge
Training Associate

The Hazardous Materials and Counter Terrorism Program is responsible for the training of first responders who may be asked to respond to events caused by accident or by terrorist acts that involve hazardous materials or weapons of mass destruction. The program provides Hazardous Materials courses designed for personnel at the awareness, operations, and technician level. Response training courses can include Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) events.

Funding Support Provided By

- Missouri Division of Fire Safety – Chemical Emergency Preparedness Fund (CEPF)
- Missouri State Emergency Management Agency
- Missouri Emergency Response Commission

Courses 79
Enrollment 4,562
Instructional Hours .. 44,282



LPG PROGRAM

Liquefied Petroleum Gas (LPG) Program is a subunit of the Hazardous Material Program within MU FRTI. It is designed to provide tactical knowledge and operational skills to local fire departments to safely and effectively respond to and mitigate emergencies involving LPG releases or fires. In addition to classroom training, the program utilizes various mobile fire training simulator props to provide real world skills training to participating students. The program has both a mobile propane tank and a propane transport truck prop to provide a diverse array of training opportunities on-site at local fire departments. This enables fire departments to train on potential emergency incidents in their local jurisdiction utilizing their own equipment and resources. The LPG Program works in conjunction with the Missouri Propane Education and Research Council (MOPERC) and the Missouri Propane Gas Association to promote LPG safety and education for Missouri emergency responders and the citizens they serve.

Courses 16
Enrollment 346
Instructional Hours 3,708



Funding and/or Program Support Provided By

- Missouri Propane Education & Research Council (MOPERC)
- Missouri Propane Gas Association
- Missouri Emergency Response Commission
- Various - Local Emergency Preparedness Committees (LEPCs)

TECHNICAL RESCUE PROGRAMS



Mark Briscoe
Training Associate

The Technical Rescue Program is designed to meet the training needs of fire and emergency responders in order to conduct safe and effective rescue operations. The specialized rescue disciplines that are covered in this program area include: Rope Rescue, Confined Space Rescue, Trench Rescue, Structural Collapse Rescue, Swift Water Rescue, and Rescue Boat Operations. This training prepares students on how to rescue citizens from natural or man-made disasters such as earthquakes, tornados, or a terrorist activity.



Agencies Providing Contracts and Grants in FY12

- Missouri Division of Fire Safety – Missouri Fire Safety Education/Advisory Commission Fund
- St. Louis Area Regional Response System (STARRS)
- Region D RHSOC
- Mid-America Regional Council (MARC)

Courses 137
Enrollment 2,287
Instructional Hours .. 43,912

MILITARY PROGRAMS



Colonel (R)
William P. Johnson
Military Programs
Coordinator

The Military Program was established to more effectively coordinate the respective activities of University of Missouri Fire and Rescue Training Institute (MU FRTI) with military units and agencies at the local, state and national level. The Military Programs Coordinator serves as the principal point of contact and coordination to liaise with the Department of Defense (DoD) agencies in an effort to assist MU FRTI to coordinate, plan, and conduct activities with the military community. To achieve the best use of MU FRTI's assets and resources, the program reinforces community and private relationships that enhance the various missions of each agency or unit.

FY12 Projects/Services

- Missouri National Guard
- Missouri Department of Natural Resources

Michael Parks
Airport Safety Supervisor
Columbia Regional Airport
Columbia, Missouri

"I wanted to take a moment and commend the instructors that you assigned to teach the Instructor 1 class the past two weekends. (They) did a commendable job that should be noted. They truly knew the information that they were teaching and did a great job conveying it to the class. This was truly one of the best experiences that I have had taking classes, and wanted to make sure that they were given credit of a job well done."

PROGRAM AREAS

WINTER AND SUMMER FIRE SCHOOL CONFERENCES



Tracy Gray
Training Associate

Following a long history and tradition of excellence in fire service training which began with the first mid Missouri State Fire College in 1933, MU FRTI continues to provide state fire schools to meet the training needs of Missouri's fire and emergency responders. There are two annual conferences offered each year that attract emergency responders from across Missouri, as well as the mid-west United States. A number of scholarships for WFS and SFS are provided each year as part of the Phil Sayer Memorial Scholarship Fund. Scholarship funding is provided by the Missouri Division of Fire Safety and the Missouri Fire Safety Education/Advisory Commission.

Webcast for Distance Learning

MU FRTI continues to conduct selected courses via a webcast that included an on-site student audience, along with distance learners across the Midwest during Winter Fire School. The courses were made available to registered locations through web access, and provided a great learning opportunity for those that were unable to attend the WFS in Columbia, MO. Participation in the webcast portion of WFS remained strong for FY12.

WEBCAST TOTALS

Courses	3
Enrollment	1,190
Instructional Hours ..	4,760

Winter Fire Schools

Winter Fire School (WFS) is held in Columbia each February. The event offers approximately 100 classes to choose from in a weekend format. Associated with WFS is the Midwest's largest Equipment Exposition that provides an excellent opportunity for learning and networking. Over 3,000 registrants participated in this comprehensive training event, including participants from eight other states. The success of WFS is due not only to the experienced instructors, an effective Command Team, a dedicated staff, our fire service partners and supporters, but especially to the fire departments and individual student participants. Thank you for continuing to support this important training event.



Summer Fire Schools

Summer Fire School (SFS) and Midwest Wildfire Training Academy (MWTA) were held in Jefferson City, June 5 – 10, 2012. This annual event offers both classroom-oriented and hands-on courses ranging from seminars to week long programs. The MWTA held in conjunction with SFS focuses on the practical skills training necessary for today's wildland firefighters and is made possible through a grant with the USDA Forest Service. Attendance levels were similar to last year with the economy being a contributing factor. The Institute's goal is to be able to continue to deliver this important hands-on training event while assuring it remains cost accessible to the state's fire service.



WFS TOTALS

Courses	96
Enrollment	3,537
Instructional Hours	15,068

SFS TOTALS

Courses	31
Enrollment	526
Instructional Hours	11,023

Fire Schools also generate a positive economic impact on Columbia and Jefferson City where they are held. It has been estimated that the events each bring in a half a million dollars to the local community through direct and indirect expenditures by the participants and guest faculty.

ADDITIONAL HIGHLIGHTS

ADMINISTRATION AND SUPPORT

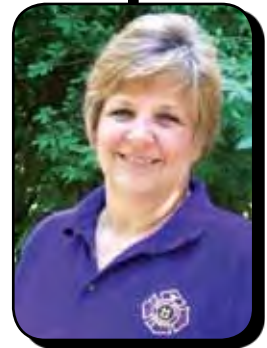
The daily operations and support functions of MU FRTI are provided by a dedicated administrative and support staff. Course paperwork, data entry, transcripts, instructor travel, curriculum and promotional material development, course supplies and equipment logistics are all a necessary part of the course-delivery process. MU FRTI is proud of the dedicated staff that works behind the scenes to make sure the students and instructors have a successful educational experience.



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1990's PATCH



10th Annual - 2012
Fire Service Leadership Enhancement Program
COLUMBIA, MISSOURI

Fire Service Leadership Enhancement Program

In FY12, the 10th Annual Fire Service Leadership Enhancement Program was conducted. This program is a joint activity conducted by the Harry S. Truman School of Public Affairs, and provides executive leadership training for current and future fire chiefs. Twenty-one executive fire officers completed the program this year.

ADDITIONAL HIGHLIGHTS

MU FRTI Celebrates 30 Years as an Institute

MU Fire & Rescue Training Institute (MU FRTI) celebrated 30 years as an accredited institute within the University of Missouri on July 1, 2012. This year also denotes the Institute's 80th year as a training program. The roots of MU FRTI can be traced back to 1933, when mid-Missouri fire departments joined with the University of Missouri to address the need for more advanced training. Before the end of the 1940s, state fire training found a permanent full time home with the University of Missouri and by 1982, acquired the formal name, MU Fire & Rescue Training Institute.

The Institute is renowned for its excellence in fire and emergency preparedness programming (essential occupational training) as well as its engagement with the community and emergency responders. MU FRTI is hailed as one of the leading statewide fire training systems in the country. On June 20, Missouri Governor Jay Nixon recognized this monumental anniversary with a proclamation declaring the outstanding value of MU FRTI. The dedicated work of our predecessors, University and Extension administrators, Program Directors, and Missouri Fire Service officials, enabled the program to gain this recognition and designation as an Institute. Their vision and planning have helped to ensure the long term availability of training resources for Missouri firefighters.



Fire Service Instructor of the Year Award



Left to Right; Fire Marshall Randy Cole, Division of Fire Safety; Assistant Director, Kevin Zumwalt, MU FRTI; Deputy Chief, Jon Trent, Nixa Fire Protection District; Director, David Hedrick, MU FRTI.

MU FRTI presented the Fire Service Instructor of the Year Award at the annual Instructor's Conference on October 15, 2011. The recipient of the MU FRTI Instructor of the Year award was Jon E. Trent, Deputy Chief with the Nixa Fire Protection District in Nixa, MO. Instructor Trent has a passion for providing the very best in fire service instruction, and maintains a strong belief in the need for competency-based training that will develop the new generations of people entering the fire service. Trent has been an adjunct instructor with the MU FRTI program since 1999.

Company Officer Certificate Program

Fifteen individuals completed the Company Officer Certificate Program this year. This program requires 373-contact hours of instruction in different areas pertinent to a company officer. This certificate program exceeds the requirements of Fire Officer I and II according to NFPA 1021, Standard for Fire Officer Professional Qualifications. The program has had 355 students participate in the program since its inception. Currently the program has 84 active participants. In FY12 graduates of the program were:

2011-2012 (Fiscal Year) Graduates:

Shane Anderson – Monett Fire Department
Christopher Bachman – Mid County Fire Protection District
Jeffrey Butcher – Lebanon Fire Department
Jonathan Chaffin – Lebanon Rural Fire Protection District
Curtis Ehrhard – Antonia Fire Protection District
Eric Hakenewerth – Wentzville Fire Protection District
Ty Helphrey – Raytown Fire Protection District
Andrew Hieken – Metro West Fire Protection District
Kevin McCart – Antonia Fire Protection District
Scott Moore – Nixa Fire Protection District
Robert Smith – Wentzville Fire Protection District
Robert Taylor – Greene County Emergency Management Office
Kenneth Theiling – High Ridge Fire Protection District
Ronald Tisius – High Ridge Fire Protection District
Christopher Zoeller – Nixa Fire Protection District



ADDITIONAL HIGHLIGHTS

MU FRTI Implements New Fire Cause Determination Training

In 2011 MU FRTI received a grant from the U.S. Dept. of Homeland Security/FEMA's Assistance to Firefighters Grant Program - Fire Prevention and Safety Grant. This grant enabled the purchase of a mobile fire cause simulation training unit to support basic fire cause determination and arson awareness training. The mobile unit provides students with the opportunity to apply skills acquired in a classroom in a realistic hands-on, post-fire environment. The unit consists of three burn cells that are furnished with items such as sofas, tables, and chairs to simulate those furnishings found in a residence or place of business. The unit is capable of monitoring temperatures in each burn cell and is also capable of recording the growth of the fire. Each burn cell is outfitted with an automatic sprinkler head used in the extinguishment phase.

In 2012, Dean Martin was added as a Coordinator to oversee the Fire Cause Determination training, as well as the Industrial and Specialized Programs.



1988 PATCH



Top Five Participating Organization by Number of Students

- St. Louis Fire Department – 465
- Springfield Fire Department – 425
- Kansas City Fire Department – 352
- Boone County Fire Protection District – 231
- Western Taney County Fire Protection District – 215

“Your guys did an awesome job! We appreciate all that they did. Thanks for making it work.... “

JEFFREY A. HORNE, CMSgt., NEANG
Fire Chief, Fire & Emergency Services
Nebraska Air Guard Fire Dept.
Lincoln, NE

MU FRTI Adjunct Instructor Cadre

Over 200 of the top professionals in the nation are members of the MU FRTI Adjunct Faculty/Instructional Cadre. Most are active-duty firefighters and officers, and their expertise and practical hands-on experience, coupled with advanced instructional training, enable them to provide the very best in fire service instruction. The geographic dispersion of the Institute's Instructional Cadre across the state, along with their broad range of subject matter expertise, allows the Institute to utilize local instructors, working in conjunction with scheduling requirements of the host department, to make training courses as accessible as possible. MU FRTI gratefully acknowledges the important contribution that our Instructional Cadre makes to the successful accomplishment of the Institute's mission. Through the classes they teach, MU FRTI Instructors enable Missouri firefighters do their work better and more safely by providing the best and most relevant training and education.

DID YOU KNOW?

- MU FRTI is one of only eight state fire training programs connected to a University system in the United States.
- On average MU FRTI has 13 courses starting each week.
- With the exception of holidays, the Institute averages eight classes occurring somewhere in Missouri every day of the year.
- In FY12 the Institute traveled 246,207 miles delivering training.
- MU FRTI's website received over 1.8 million visits during FY12.

PROGRAMMING ACCREDITATION/ACCEPTANCE

- American Council on Education (ACE)
- U.S. National Fire Academy (NFA)
- Division of Fire Safety (DFS)
- State Emergency Management Agency (SEMA)
- Missouri Emergency Response Commission (MERC)
- Missouri Bureau of Emergency Medical Services (EMS)
- Missouri Propane Education & Research Council (MOPERC)
- Peace Officer Standards and Training (POST)
- Columbia College
- Office of Domestic Preparedness/ Department of Homeland Security

SPECIAL THANKS

The University of Missouri Fire and Rescue Training Institute wishes to extend sincere gratitude to the University of Missouri, Extension, governmental department/agencies, fire & emergency service personnel, departments, associations, and organizations, as well as businesses and industries throughout the state for their continued support.

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Types of Training

- Firefighting
- Technical Rescue
- Hazardous Materials/WMD
- Aircraft Rescue & Fire Fighting
- NIMS/ICS & IMT
- Driver/Operator
- Fire Instructor
- Fire Officer
- Anti-Terrorism
- Emergency Management
- Emergency Exercises and Evaluations
- Industrial Fire & Rescue
- Specialized Programs

Training Available Through

- Field Extension (local) delivery
- On-campus
- Registered Programs
- Regional/State Fire Schools & Conferences
- Online (Internet) Training

Services

- Subsidized training at no-cost
- Low cost fee or tuition based training
- Student records and transcripts
- State and national accreditation/recognition
- National Fire Academy POC
- Liaison with other organizations/associations
- Curriculum development
- Technical advising



For More Information about the education and training programs available through the University of Missouri Fire and Rescue Training Institute, please visit our website: www.muftri.org or contact us at:

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