

KANSAS FIRE & RESCUE TRAINING INSTITUTE 2019 ANNUAL REPORT



KU KANSAS
FIRE & RESCUE
TRAINING INSTITUTE

The University of Kansas

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FROM THE INTERIM DIRECTOR



Greetings from the institute! We have updated the look of our annual report to include more visuals and details of our activities. This year's report also includes some special retirements and photos of our new addition to the training fleet.

2019 was another busy year for your training institute. We were fortunate to be notified that our sixth straight Assistance to Firefighters Grant had been awarded for the purpose of purchasing two PumpOps Simulators to be used for mobile training of Driver Operators. We also began a major review and revision of the national certification program, construction of a confined space training trailer, and welcomed a new chairman, and vice-chairman to our Fire Service Training Commission. I encourage you to read the related articles inside this report.

The Kansas Fire & Rescue Training Institute is, and always has been, committed to providing quality training with state-of-the-art curriculum and training props and well qualified instructors for Kansas firefighters. Firefighters give of themselves every day, whether on duty or off, firefighters are always ready to answer the call for help. One of our goals is that you never find yourself lacking information or skills when called on for that help.

We are a service organization. If we can serve you, give us a call or send an email to let us know how we can serve.

I hope you enjoy reviewing our 2019 annual report and perhaps learn something that you did not know about us.

Professionally yours,

A handwritten signature in black ink that reads "Michael J. Cook". The signature is written in a cursive, slightly slanted style.

Michael J. Cook, *Interim Director*

2019 AT A GLANCE

TOTAL EVENTS COMBINED

534 Events Delivered

7,624 Participants

8,092 Instructional Hours

86,331 Student Contact Hours

95 Kansas Counties Served

429 Kansas Communities/Orgs. Served

103 Other Organizations Served

8 U.S. States Served (excluding Kan.)

TRAINING DELIVERED

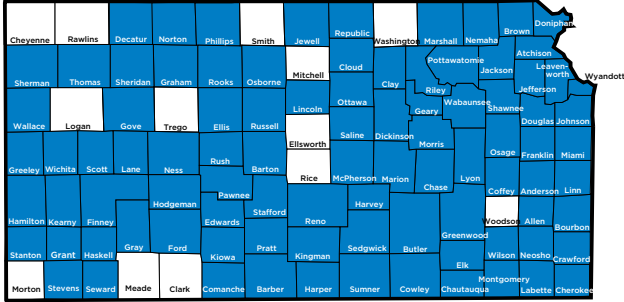
- 339** Classes Delivered
- 5,139** Participants
- 6,921** Instructional Hours
- 80,052** Student Contact Hours
- 93** Kansas Counties Served
- 427** Kansas Communities/Orgs. Served
- 93** Other Organizations Served
- 5** U.S. States Served

NATIONAL CERTIFICATION PROGRAM

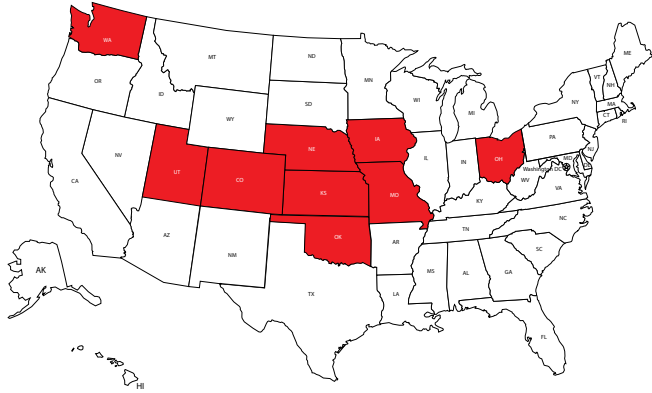
- 220** Certification Exams
- 2,485** Participants
- 1,171** Instructional Hours
- 1,706** Certifications Awarded
- 72** Kansas Counties Served
- 6,279** Student Contact Hours
- 236** Kansas Communities/Orgs. Served
- 11** Other Organizations Served
- 8** U.S. States Served

WHO WE SERVED IN 2019

92 COUNTIES



9 STATES



534 EVENTS DELIVERED





FIRE SERVICE TRAINING COMMISSION

Since its inception in 2002 the mission of the Kansas Fire Service Training Commission has been to provide oversight and guidance to Kansas Fire & Rescue Training Institute (KFRTI), to assure the firefighters of Kansas receive “high quality training, delivered in a consistent manner” (76-327d), as well as oversight and approval of the budget.

Over the years, the commission has faced many challenges in keeping up with the ever-changing demands in the delivery of mobile training to the mostly rural fire services within the state. One such ever-present challenge is funding.

Three changes were made to the Fire Service Training Commission in the past year. Mike Roosevelt was elected chairman, Darin Myers was elected vice-chairman, and John Paul Jones retired.

While the Director of KFRTI has found some assistance through outside sources of funding, it is unknown what the future will bring. It is our hope that we will be able to continue to provide Kansas firefighters with quality training through the continued support of the University of Kansas and the Kansas Legislature.

Thank for your continued support for your Fire Service Training Commission and the Kansas Fire & Rescue Training Institute!

Mike Roosevelt, *Chair*

Kansas Fire Service Training Commission

PAST FIRE SERVICE TRAINING COMMISSION MEMBERS

Thirty-eight people have served on the Fire Service Training Commission (including current members) since the commission was created in 2002.

Kathy Elkins

Jim Keating

John Lloyd

Jim McDiffett

John Mattox

Mark Saylor

Darrell Eastin

Bruce Brazzle

James Mehan

Karl McNorton

Raymond Aslin

Dan McLaughlin

Larry Garcia

James Long

Bob Renton

James Lubbers

Mark Bradford

Andy Moffitt

Mark Sweany

Rodney Redinger

John Ralston

Ross Hauck

Brad Smith

Brenda McNorton

Timothy Matthias

John Paul Jones

CURRENT FIRE SERVICE TRAINING COMMISSION MEMBERS

Chair: **Mike Roosevelt**, International Association of Arson Investigators, KS Chapter

Vice Chair: **Darin Myers**, Kansas State Association of Fire Chiefs

Members: **Rick Mosher**, Fire Educators Association of Kansas

Kevin Flory, Kansas State Firefighters Association

Mark Neely, Kansas Forest Service, Kansas State University

Douglas Jorgensen, Kansas State Fire Marshal's Office

James Modig, The University of Kansas

Eric Voss, Kansas Board of EMS

Jack Taylor, Kansas State Association of Professional Fire Chiefs

Justin Ducey, Kansas Fire Marshal's Association

Larry Pander, Kansas Community College Degree Programs



BUILDING FOR THE FUTURE

The institute received an Assistance to Firefighters Grant to build a Confined Space Trainer in FY 2018. This unit will be built in a custom-built 53' semi-trailer and include a number of challenging obstacles and activities. Included in the design are narrow passages, a variety of hatches ranging from 16' to 30", an inclined ramp, a manhole restricted passages and an 8' round tank with a semi-trailer fuel hatch on top.



Confined Space Trainer under construction at Unruh Fire in Sedgwick, KS.

During the design of the trailer the institute consulted with many fire service confined space experts so we could build the trailer with realistic and challenging exercises in mind. Our intent with this trailer is to bring confined space training out of actual confined spaces into a realistic, but completely safe environment.

BUILDING FOR THE FUTURE CONTINUED

We also designed the trailer to be more PPE friendly than real confined spaces and reduce, or eliminate, damage to expensive PPE during training.

Considering that training inside a semi-trailer can be very uncomfortable, if not unbearable, during the extremes of winter and summer, we included an HVAC system in the trailer. Armed with a heated and cooled trailer, we will be able to conduct confined space training year-round.

The interior of the trailer will have three levels, each approximately 3' in height. An instructor access space will be in the center with student "tunnels" running on the outside perimeter of the trailer.

Students will encounter numerous obstacles and challenges as they navigate the trailer's interior. Through a series of openings and hatches in floors, students will learn to operate in a three-dimensional environment in which to perform rescues. Firefighters will be able to perform vertical rescues that begin on the trailer floor and end on the trailer roof, or between any of the three levels in the trailer.



The tank prop and hatch under construction (top view of trailer)

Firefighters will be able to perform vertical rescues that begin on the trailer floor and end on the trailer roof, or between any of the three levels in the trailer.

With removable panels, instructors will be able to change the path through the trailer to keep the challenges realistic and unpredictable.

The Confined Space Rescue Trainer is expected to be placed into service in early 2020.



Photo shows instructor access space in center with student space around the perimeter. Two additional levels will be built in the interior.



Passenger side of trailer just prior to completion, December 2019.



KFRTI EXPENSES FY 2019

\$831,127.84 Salaries: full time

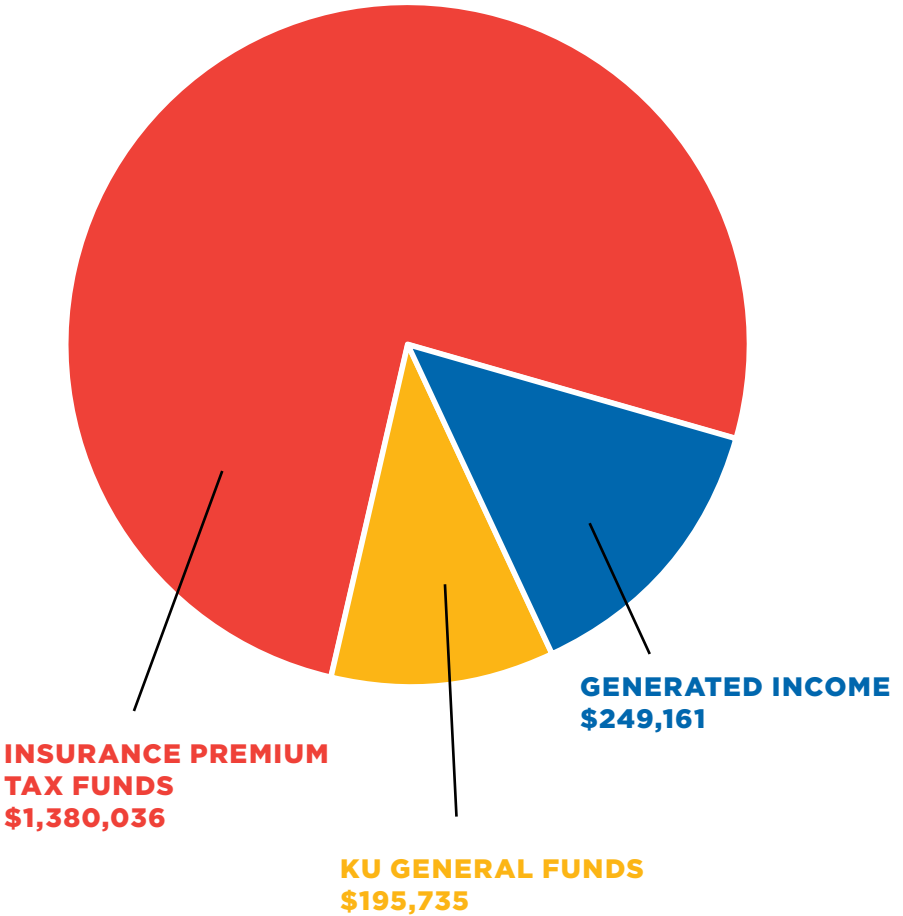
\$24,710.28 Part-time wages

\$138,423.35 Administrative support

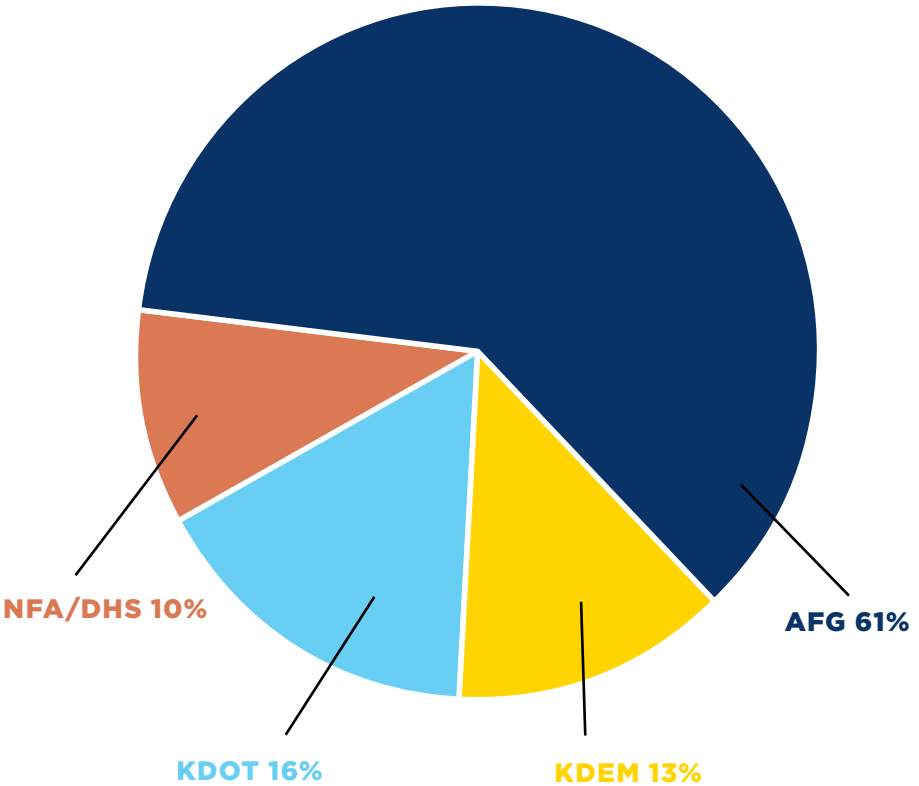
\$51,366.76 Office administrative supplies

KFRTI FUNDING FY 2019

TOTAL FUNDING FY 2019 \$1,824,932



TOTAL GRANT FUNDING FY 2019 \$192,391



- AFG** Construct Confined Space Rescue Training Trailer
- KDEM** Hazmat related training for Kansas 1st Responders
- KDOT** Traffic Incident Management training for Kansas First Responders
- NFA/DHS** Fund National Fire Academy courses for Kansas First Responders

KFRTI RESOURCES DEDICATED TO TRAINING

- 11** Full-time staff
- 12** Regular part-time coordinators (up to 48%)
- 150+** Associate instructors (contractual)

- 3** Semi-tractors
- 9** Semi-trailers (props & training support units)
- 3** Heavy duty pickups
- 5** 10'-16' bumper-hitch trailers
- 4** Passenger cars

\$3,200,000	Semi-trailers/props
\$475,000	Tow vehicles (semi-tractors & pick-ups)
\$35,000	Small trailers (for specific courses)
\$840,000	Training/firefighting equipment in trailers
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\$4,550,000	Total vehicles/trailers/ props/equipment

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