



## From the Director's Desk

*Richard Jaehne  
Director*

At the recent MABAS Conference, fire chiefs from New Orleans and the surrounding parishes traveled to Peoria to thank Illinois firefighters for making the thousand-mile trek to help them and their citizens in the aftermath of Hurricane Katrina. They spoke of the relief and inspiration they felt in the midst of catastrophe and chaos when they saw the first wave of Illinois firefighters and apparatus roll into their communities. Those from Illinois who deployed talked of facing an overwhelming human and community disaster.

What allowed Illinois to respond so quickly and effectively? We were ready, willing and able to respond. Our leaders worked together to plan, execute and provide ongoing support to each responder deployed from Illinois. On-scene operations were coordinated and supported by an enhanced incident management system that saw national Incident Management Team (IMT) members from Washington State and Illinois Incident Management Assistance Team (IMAT) members working side-by-side to plan, direct and support operations. While we cannot predict the future, we can predict that emergencies will happen and we will be asked to respond. What each of us does today to plan and prepare for that response will determine how quickly and effectively we can respond and our citizens and communities get the help they need.

Preparation in advance of a crisis works. For example, 37 firefighters and police officers spent seven days in June 2005 at IFSI taking the National Fire Academy Command and General Staff course, sponsored by the Illinois Terrorism Task Force (ITTF). This course was taught by some of the very same Type 1 IMT team members who responded to Hurricane Katrina just two months later. Today, we must build new partnerships for crisis response operations...across disciplines and jurisdictions. Training is one of the ways that makes this building process possible.

Please allow me to encourage you to take advantage of the many training opportunities now available to you from IFSI. We have just recently updated our web site to make your access to training and course information easier. Visit us at <http://www.fsi.uiuc.edu/>. Click on the Courses or Virtual Campus or Homeland Security or Library bar on the top of the page and you will be taken directly to a portal to courses and course information. Some of the options available include:

\* On-campus hands-on courses and activities such as Fire College and Winter Fire School.

\* Online awareness-level courses.

\* Cornerstone-funded courses that provide hands-on essential skill training delivered in your neighborhood under a grant from the Office of the State Fire Marshal.

\* Live-fire propane training funded by the Illinois Propane Gas Association.

\* Down and Dirty skills training in your fire house using the 3-CD series funded by the Illinois Firefighter's Association...of note...the latest CD is on Tender Operations -- something that the New Orleans Fire Department never thought they would need until Katrina.

\* Homeland security training is available in a variety of forms from local "State Instructors" who can provide one of four courses at no cost...the latest is Clandestine CBRNE Labs, online and direct delivery. Unified Command is now a two-day course and meets many of your community's NIMS and ICS training requirements.

\* If you are a member of a statewide deployable HAZMAT or Technical Rescue team, baseline training is available.

I would also like to personally congratulate David Foreman, who has just been confirmed as the new Illinois State Fire Marshal. Dave is the senior state government fire official tasked with advising the Governor and State Legislature on Illinois Fire Service issues. I have known Dave for the past eight years as a member of the Governor's Fire Advisory Commission and through the Illinois fire service's annual strategic planning process. He has worked tirelessly and effectively on the full range of issues that the Illinois fire service has chosen to cooperate together to achieve. I know that Fire Marshal Foreman is committed to leading and making a difference for Illinois firefighters. Congratulations Dave, we look forward to working with you and your staff to help every Illinois firefighter "do their work" and make every Illinois community safer as a result.

Sincerely,

Richard L. Jaehne

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Director  
Richard L. Jaehne

Deputy Director  
David F. Clark

Associate Director  
John McCastland

The Illinois Fire Service Institute Newsletter is the official publication of the Illinois Fire Service Institute, University of Illinois Urbana-Champaign. The Newsletter is published twice a year and is solely an educational and advisory aid to the fire service and individuals working to establish and maintain a fire safe environment in Illinois.

Opinions expressed in the Illinois Fire Service Institute Newsletter are those of the authors and do not necessarily represent the official opinions of the Illinois Fire Service Institute unless otherwise noted in the article.

The Illinois Fire Service Institute will consider for publication articles or items of interest to the fire service of Illinois and encourages materials from all fire-related professions for consideration.

Persons interested in furnishing articles, should forward materials to: IFSI Newsletter, 11 Gerty Drive, Champaign, IL 61820 or E-mail information to Terri Hopper at [hopper@uiuc.edu](mailto:hopper@uiuc.edu). Please include appropriate graphics or digital photos.

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Our website has the most current class information

**[www.fsi.uiuc.edu](http://www.fsi.uiuc.edu)**

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***Want your own copy of the IFSI newsletter?***

***Ask to be added to the mailing list by email to Terri Hopper ([hopper@fsi.uiuc.edu](mailto:hopper@fsi.uiuc.edu))***

***OR***

***A copy is available on our web site.***

***Fire College Classes Listed on Page 22.***

In FY-05 IFSI set a record of 50,686 enrollments, with students from approximately 90% of the fire departments in Illinois. We thank you for your support, and we are always looking for ways to serve you better. Give us your ideas and suggestions.

The "Rural Water & Tender Operations" CDs have been provided free to every fire department in Illinois, thanks to support from the Illinois Firefighter's Association.



Be sure to make good use of your department's copy. Like our previous CDs it

is a great training aid for individual or group learning.

Periodically we are asked how a department can become a Regional Training Center or hold classes. IFSI has three basic types of training relationships with fire departments:

**LOCAL HOST:** (most common) individual department requests IFSI on a one-time or periodic basis to come teach a class for its members and neighboring departments.

Many of these classes are run at no cost to the department, under the "Cornerstone" grant.

**REGIONAL HOST:** department or organization that on a more regular yearly basis agrees to cooperate with IFSI by scheduling, advertising, and hosting regional classes or fire schools. The host promotes regional training classes taught by IFSI.

**REGIONAL TRAINING CENTERS (RTCs):** (approximately 25 sites)

We are involved with two types of RTCs: IFSI and ITTF. Many sites are both. Each site has, at a minimum, adequate facilities and props to conduct Operations-level training.

Each RTC has a written Memoranda of Agreement with IFSI and/or ITTF to host classes. The ITTF RTCs are specifically for the purpose of training the state's designated technical rescue and hazardous materials teams, not general firefighter training.

# News & Notes

We are currently not actively looking to add more Regional Training Centers, though we are willing to conduct classes most any place that has adequate facilities and students.

IFSI and ITTF do not have funding available to help establish local or regional training facilities. This must be done with local resources and funds.

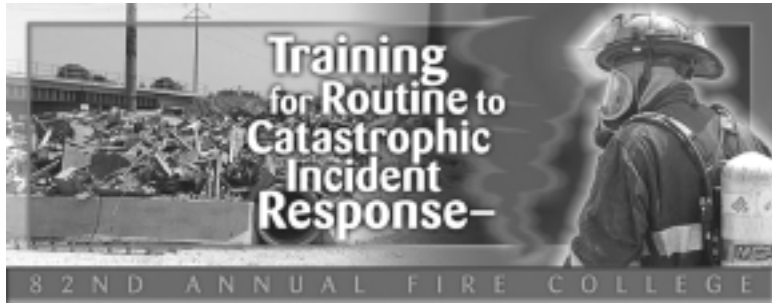
Note that we have reviewed our curriculum against nine benchmarks, such as OSFM certification, EMS CEUs, ACE college credit, etc., so that each hour of training meets as many multiple requirements as possible. As a result, you receive "more bang for the buck." Also, we have worked hard to secure grants and other funding so that more than two-thirds of our courses are delivered at no cost to you.

It is not too early to mark your calendar for Fire College. The dates are June 1-4, 2006. Details are available on our website. Again this year we will have a number of great classes taught by top-notch IFSI instructors from around the country. Come and bring someone who has not been here before.



David F. Clark  
Deputy Director

## Check out our newly updated website at [www.fsi.uiuc.edu](http://www.fsi.uiuc.edu)



# Table Talk

'MAC'  
McCastland,  
Associate  
Director

## ***“That’s Old School — this is how we do it now.”***

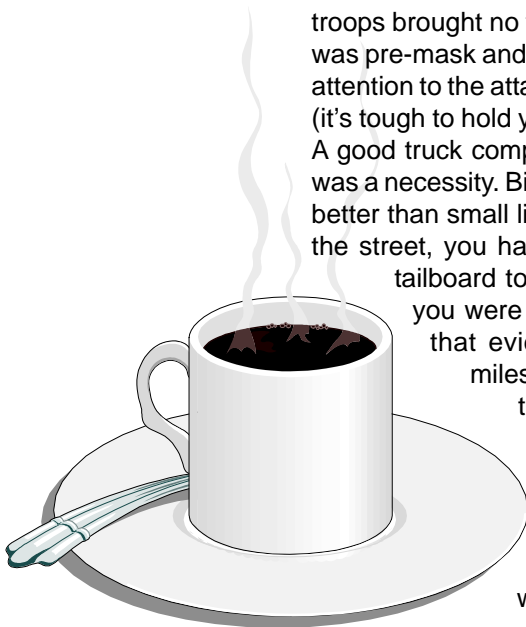
That is a loaded statement that is not necessarily either true or brilliant, and when applied to the fire fighting profession, can be down right dangerous. When any of our newer high-tech toys fail there always seems to be some “Old School” way of making it happen.

At IFSI we have a program that has become one of the most requested classes we offer. It is a short seminar on reading smoke, and it is intended to help make officers and firefighters more aware of the enemy — FIRE.

It is not the only program out there — a lad named Dotson has a road show dealing with the same topic. Both are good programs, but why are the students coming away from these classes thinking that this is a new or novel concept?

I started in this business in what has become “Old School” and I can tell you there was no formal education on reading smoke - it took place at the coffee table, on the tailboard, on the curb, or the sidewalk after you puked, and the session was led by the Company Officer. There were no fancy terms describing the smoke. Three simple terms continue to be used today: light, moderate and heavy. A fourth term, “S—y”, has faded with the use of the SCBA. When you were exposed to smoke that was classified in the fourth degree, you never lost your appreciation for what it was. It was nasty, brownish, grayish, down to the deck; consuming the entire structure, kick your butt SMOKE!! Run the term by an old dog and you’ll get a tale of a good fire.

The “Old School” was a time when the troops brought no fancy toys to the war, yes it was pre-mask and it required you to pay more attention to the attack you were going to make (it’s tough to hold your breath for 20 minutes). A good truck company was not a luxury — it was a necessity. Big lines have always worked better than small lines. As soon as the rig hit the street, you had a forward view from the tailboard to look for the evidence that you were going to do some work — that evidence may be seen from miles away or when you turned the corner. But from your first glance of the smoke, the brain housing group started to prepare for battle. The biggest part of our program should be to work smarter, not harder.



I realize that the young guns of today have numerous things to deal with on a daily basis that were not on our plates years ago, but I can’t accept that as an excuse for officers to not perform their most important function of training those they are responsible for. We may not have the frequency of fires today, but we still have fires and they still require a few basics.

*Lead-out, Open-up & Search!! There is no easy way to fight the war.*

Well, time to strike it out. I can be reached at 815-834-9201 or by magic machine at [jmccastl@fsi.uiuc.edu](mailto:jmccastl@fsi.uiuc.edu).

Stay safe. Keep the faith, give me a call and we’ll talk.

MAC

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## ***Moves***

### **Patty Wieland Retires**

Patty Wieland, who joined IFSI in 1987, retired a few months ago. Over the years Patty served as secretary for several different program areas at the Institute. Part of that time she also doubled as our receptionist and was the first person most visitors met when they came in the front door.

Patty began her association with the University of Illinois in the mid-1960s. She worked at the U of I Retirement System, Department of Animal Science, Office of the Vice Chancellor for Academic Affairs, and U of I Department of Forestry prior to joining IFSI.

With retirement and the coming of Spring she will probably spend her time on the golf course when not with the grandchildren.

### **Teresa Kreps Moves to Aviation**

Teresa Kreps started at IFSI in 1998. She worked as an Account Technician II in our Business Office, where the workload has increased significantly in recent years due to the growth of IFSI.

In addition to her job, Teresa has been finishing her bachelors degree. With its completion she is moving on to a position in the business Office at the University of Illinois Institute of Aviation.

*Best wishes to both Patty and Teresa. Thanks for your efforts over the years.*

# Fire Fighting Training Programs -- an Update

As the weather warms up, so does activity at the IFSI Training Site in Champaign. We're planning for another year of intense hands-on fire fighting training, and some classes are already full. Here are the highlights of the 2006 calendar year:

**Basic Fire Fighting Skills Academy** pilot course is underway as of 24 April. This four-week program has been designed for firefighters who have completed the IFSI Online Firefighter II Program and are looking for an academy format to complete their psychomotor objectives, as well as firefighters that would benefit from an intense refresher of Firefighter II skills, such as those that completed certification over several years and have been selected for service on a career or combination fire department.

**82nd Annual Illinois Fire College** June 1-4. Come and be a part of the oldest annual fire school in the nation. For a full list of courses, or to register, please visit the IFSI website.

**RIT Under Fire.** This class remains highly popular, and to meet demand a second date is scheduled for Fall 2006. Please check the IFSI website for registration information.

**Engine and Truck Company Operations** courses in November. Both the Engine and Truck courses are on the calendar for this fall; get your registration forms in early, as these two courses are expected to fill quickly.

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I also need to share some policy changes for admission to any and all Fire Fighting Programs in Champaign. All of these policies were put into effect on 1 April 2006, and I'd be glad to discuss them with any persons that have questions. Please contact me at [brbrauer@fsi.uiuc.edu](mailto:brbrauer@fsi.uiuc.edu) with your thoughts.

These changes and reminders are:

- *No walk-in participants are allowed.* This includes not only the Monday-through-Friday fire fighting programs, but also shorter events such as light-and-fight burns, Basic Wildland Courses, and tower burns. Registrations must be received by IFSI at least two weeks before the event in order for students to participate. There will be no exceptions to this policy. In the past, we have accepted forms that were

unsigned by the Fire Chief and Training Officer, or forms that had questionable signatures resulting in significant time taken from instruction to resolve these registration issues. In order to make this a safe and well-planned event for all parties involved, pre-registration at least two weeks before the first day of class is *mandatory*. If you don't have an acceptance letter in hand, you will be turned away, and not permitted on the IFSI campus.

- *Acceptance decisions will be made six (6) weeks before fee-based courses.* If you register after this date, you may be wait-listed until sufficient additional students register to require an additional instructor. In order to staff courses safely and appropriately, as the Program Director, I need a clear picture of the enrollments at least six weeks out. In the past we've kept enrollments open until the last minute, and I feel that we have traded making registration convenient for the inconvenience of adding or subtracting staff at the last minute.

- *Registrations for all fire fighting courses except Academy must have the actual student's name attached at the time of registration.* For Academy, all spots must have a name attached at least two weeks before the course.

- *Registrations for Fire Fighting programs will be prioritized based on the following criteria:*

- ✓ Date that the registration was received
- ✓ Number of applicants from the same department
- ✓ Ending date of the Candidate's probationary period (for Academies)
- ✓ Discretion of the Fire Fighting Program Director

- *For courses that are grant funded, if the student registers for a given course, fails to cancel ten (10) business days prior to the first day of class in writing, fails to attend, or fails to help clean up after the activities are completed, s/he will be invoiced for the full amount of that training. For example, if you register for a Light and Fight burn in Champaign, don't cancel in writing 10 business days before the burn, don't show up, or show up for the training and leave without cleaning up after the burns, you will receive an invoice in the mail for \$100 — the training*

Brian Brauer  
Fire Fighting  
Program  
Director

**New  
Admission  
Policies**

*continued on  
next page*

fee for that burn. If you register, attend and help clean up, the course fee is underwritten by a grant. If you register, can't attend, and cancel 10+ days before the burn, you will not be invoiced.

I realize that these sound hard-lined compared to past ways of doing business. However, it is unacceptable for firefighters to register for classes and not attend while eager firefighters are turned away. I am interested in providing an incentive to attend more than a punishment for those that have a "better offer" arise on a day they committed to IFSI. It is also unacceptable to me to have several

students from the same department, all with three versions of their Fire Chief's signature on registration forms.

We are here to provide a safe and efficient live-fire training experience to you, your department, and firefighters from all over our state and country. Please respect their time and ours enough to attend classes that you have registered for, and let us know 10 days before if you can't attend. All of our training experiences are enriched, and our training budgets, both state and local, go farther when we work together and communicate clearly.

### **Summary of New Policies**

- To register for a class, do so at least six weeks prior to the training.
- To cancel your registration, notify IFSI in writing (not email or phone) at least 10 business days prior to that class.
- If you don't cancel at least 10 business days prior and don't attend, you will be invoiced the full course fee.
- Don't show up if you don't have an acceptance letter.
- Don't register one student, with the expectation to have a different student attend.
- If any of these policies are unclear to you, seek clarification prior to the 10-day window before the class has closed.

## ***Wildland Fire Fighting Program***

Tom Richter  
Program Manager

The Illinois Fire Service Institute (IFSI) in cooperation with the Illinois Department of Natural Resources (IDNR) recently unveiled a new program designed to assist firefighters and natural resource land managers in controlling and managing grass, brush and field fires (wildland). The Basic Wildland Course meets the needs of those agencies or personnel wanting the basics of wildland fire suppression. The curriculum also assists natural resource land managers by addressing the fundamental aspects of implementing a safe and productive prescribed-fire program.

The curriculum adopted by the Institute and IDNR was developed by the National Wildfire Coordinating Group. This working group is made up of federal and state fire fighting agencies and natural resource managers. The Basic Wildland Course engages the student in the classroom and in the field through practical applications and exercises in support of the concepts presented by experienced, incident-qualified instructors. Each course track culminates a live-fire exercise testing the candidate's knowledge and understanding of

the skills and concepts presented during the training. Topics covered in the program include the three environmental factors that affect the start and spread of a wildland/prescribed-fire and how these factors impact the safety, strategic and tactical decision-making process. The class also addresses the four common denominators of fire behavior associated with tragedy fires and how to implement the Ten Standard Fire Orders to help mitigate those situations that can endanger personnel. The remaining part of the program introduces the firefighter/land manager to the fundamental aspects of fire suppression/management and how to mitigate the fire threat to man-made improvements abutting natural fuels (Urban Interface). One of the most challenging and unique components of the program is introducing the participants to the use of fire as a suppression tool.

This 20-hour course is funded through a partnership grant between the IDNR and IFSI. Participants attending the full course and serving a population base of less than 10,000 will be issued a Nomex jumpsuit at the completion of the course. This funding is scheduled

*continued on next page*

to run for 800 students or February 2008, whichever comes first.

IFSI is now able to offer courses directed towards national "Red Card" certification (a 40-hour course) making them eligible to become a regional or national response resource through the IDNR. These programs are available on a contract basis, and no grant funding is available at this time.

Photographs of recent classes can be found on the IFSI website. Classes can be scheduled by completing a Cornerstone Request for Training form and checking the Basic Wildland Fire box. For questions about the course, please contact Tom Richter, Wildland/Prescribed Fire Program Manager at [trichter@fsi.uiuc.edu](mailto:trichter@fsi.uiuc.edu).

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## ***IFSI Tower Burns***

*Eric Goldstein  
Program  
Coordinator*

As the number of structure-fires decrease nationwide, and building materials and construction methods increase the hazards of structural fire fighting, it is crucial for fire departments to train their members regularly in realistic scenarios. The objective of an Illinois Fire Service Institute (IFSI) Tower Burn is to allow Illinois fire departments to utilize the facilities at the Institute to advance and develop their skills in a live fire environment. The visiting department can develop drills and evolutions specifically geared toward their response area, and to the training needs of their personnel. IFSI staff can assist in the development of appropriate drills for departmental personnel. Tower Burn drills often include hose evolutions, forcible entry, search and rescue, and ground ladders. Multi-company drills can be developed to create more realistic response scenarios.

Upon request, the visiting department may have access to IFSI's Class A burn buildings, apparatus, and fire fighting equipment. Evolutions can be conducted in the Regional Training Center cans, single-family dwelling, taxpayer, and high-rise burn buildings. Equipment requests may include a selection of hand tools, forcible entry props, rescue dummies, specific hose and ladders, and additional supplies. Certification requirements may be fulfilled during an IFSI Tower Burn; however, the visiting department must determine the applicability of any drills to certification requirements, and ensure the qualifications of instructors and students.

All instruction during a Tower Burn must be conducted by the visiting department. IFSI will provide at least one field staff instructor to ensure conformity with the IFSI facilities use policy, ensuring participant safety. IFSI will also

provide sufficient stokers to efficiently and safely conduct live fire training. Staff from the hosting fire department must meet specific student-to-instructor ratios, as well as be certified at the Instructor II level plus one level above the activity being held. To request a tower burn, please submit a Cornerstone Request for Training form.

Any questions involving IFSI Tower Burns may be directed to Eric Goldstein at [elgoldst@fsi.uiuc.edu](mailto:elgoldst@fsi.uiuc.edu).



# Light and Fight Burns

Tom Rushing  
Program Manager

Light-and-Fight burns at the Illinois Fire Service Institute (IFSI) Champaign Training Center are one-day burns that are geared towards enhancing fire fighting skills for individual firefighters and very small groups from departments or mutual aid associations. Over the years, this program has existed in several forms, and recently has undergone some modifications.

1. There have been changes to the registration process. (Please see the Fire Fighting Program Update on page 5). In the past, IFSI has tried to accommodate walk-ins for light and fights, but we will no longer do so. If you don't have an acceptance letter from IFSI for that burn, you will not be admitted to the site to train or observe. This change is for both your safety and to limit the liability of IFSI and your fire department.

2. If you are registered, and fail to attend and clean up, you will be invoiced for the cost

of the burn. While the course fee is underwritten by the Cornerstone grant for those who attend and help to clean-up, those who leave early or don't show will be invoiced for the \$100 course fee.

3. Enrollment to these burns is limited to the first 100 students. To have a better chance at a seat in the class, be sure to register at least six weeks in advance.

4. Longer rotations at each station are being scheduled. We are working to schedule the day so that each student will receive more and better feedback on each rotation, going through fewer rotations and with better performance at each station.

5. IFSI is correlating all drills with OSFM Firefighter Objectives, effective Fall 2006. It will be the responsibility of the student to deliver the met objectives to their training officer. IFSI will provide a form that indicates which objectives have been met at a given burn.

6. And finally, more smoke, less heat.



To register for a Light-and-Fight in Champaign, please submit an IFSI Registration form. For regional site Light-and-Fights, please contact the sites directly. For questions about the content or format of the Light-and-Fight burns, please contact Tom Rushing at [trushing@fsi.uiuc.edu](mailto:trushing@fsi.uiuc.edu).

**Please note:** The October 22 Light-and-Fight burn in Champaign has been POSTPONED until October 28th. Please revise your calendars.

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## Firefighter II Academy

Tad Schroeder  
Assistant Fire Fighting Program Director

We've made a few improvements to the Certified Fire Fighter II Academy over the past few months, and I wanted to take some time to share these with you in this newsletter update. My role as the Assistant Fire Fighting Program Director is to manage the day-to-day operations of both the Certified Firefighter II Academy and the Basic Fire Fighting Skills Academy. My email address is [tjschroe@fsi.uiuc.edu](mailto:tjschroe@fsi.uiuc.edu) and my office phone number is 217-333-8927.

The most noticeable change has been to the layout of the program. We have reorganized the layout to provide the fire departments with a broader and more comprehensive "packaged" program for their new recruits. This 12-week program begins one week prior to the start of the traditional Academy which allows the student take IS700, Tech Rescue Awareness, HazMat Awareness, Fire Service Vehicle Operations and the CPR and First Aid courses all in house at IFSI. These courses are also offered online as well. After the six-week Academy, the candidates may then take

*continued next page*



Vehicle Machinery Operations, followed by a week of Hazmat Operations. Students would then have the opportunity to continue with the three-week EMT-B course, if needed.

Starting with the Spring 2007 Academy, the order of courses will be: the six-week Academy, one week of the additional short "co-requisite" courses listed above, Hazardous Materials Operations, Vehicle Machinery Operations, and the three-week EMT-Basic course. In recent years there has been some variability in the order of the courses, but we will adhere to this schedule from Spring 2007 forward to better enable departments to meet the NFPA 1001 requirements.

We are also constantly in the process of improving upon an already consistent training delivery program by fine-tuning the details of each drill and lecture. The staff takes a proactive approach to reviewing best practices and "why we do what we do." We will continue to do this during each Academy in order to pro-

vide the most effective teaching program for new recruits. This clarification of the objectives of every drill and station allows us to clearly communicate the expectations and outcomes of the drills for the student, and allows the instructor to consistently and safely implement the training plan.

We have an open door policy for the Academy. Please feel free to email me and arrange a time to come by and take a look around. Ask questions; see what we do and why we do it to ensure that we give the candidates a well-rounded experience over the six-week program. For those of you who have candidates in attendance, please do not hesitate to come and spend the day.

We welcome your input, and thank you for your continued support of the IFSI Academy programs.

The Fall Firefighter II Academy begins September 11, 2006.

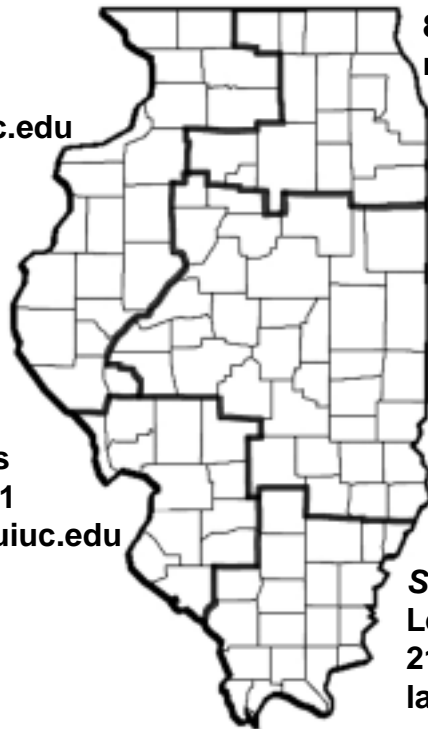
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## Cornerstone Regions

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# Fish Stories -- Volume 3

*Greg Fisher  
Cornerstone  
Program  
Director*

*Rescue  
Program  
Director*

## **Cornerstone Programs**

Well...Cornerstone has outdone itself this fiscal year with class requests from departments and organizations all over the state. We've welcomed folks like Piper City, St. Joseph, Roberts, and Gilman back to classes at IFSI who had not participated in the last year or so, as well as hundreds of organizations continuing to utilize training through the Cornerstone Program. Now that we have full-time regional representatives up and running in all areas of Illinois the requests for training have outpaced the funding to support all of the requests.

Ray Palczynski, Duane Bales and Les Albert have received requests for classes to the tune of one and half times their available portion of the Cornerstone Grant and continue to fulfill the Institute's commitment to bring solid training to all departments in the state.

It is a tremendous response to the Fire Marshal's commitment and partnership with the Fire Service Advisory Board to provide Illinois with meaningful training for all who wish to participate. As the Institute continues to provide practical "hands-on" training, we look for input in keeping classes that fulfill the fire service needs.

## **Rescue Programs**

The first statewide WMD - Confined Space Rescue Technician is out of the bag and it went very well. Twenty students from throughout the state took part in the pilot class and provided some great input on the cognitive and practical skills. The class covered the skills meeting the requirements of the Department of Homeland Security / Office of Domestic Preparedness Universal Task List and Target Capabilities for Confined Space Technician.

***See page 22 for information on this year's Explorer Program***

Objectives under NFPA 1670 and 1006 were met in this five-day course and included night scenarios with WMD based drills challenging the participants to utilize their problem solving skills as technicians, in any discipline, should be capable of doing.

As a reminder to the members of the MABAS and CART organizations designated as approved teams under the Illinois Emergency Management Agency and the Illinois Terrorism Task Force, there is still federal funding available. Technical Rescue Team members' initial training in the various disciplines is available at very little cost to the responders beyond their time commitment. Backfill/overtime/course fee are covered for the "first timers." The team members with their initial training appointed as trainers within the organization have the course fee, backfill/overtime, lodging and per diem covered. Those members will be expected to assist in teaching the class and will be evaluated by staff to fulfill the reimbursed training role in the sponsoring organization.

The newsletter has a list of upcoming classes throughout the state. Additional classes will be coming to Frankfort and other Regional Training Centers when the props become fully functional.

Please note when a class is coming to a Regional Training Center near you or the IFSI Campus and sign up soon. We need approximately 30 days lead time to insure a class will "go." So sign up well in advance to enhance the possibility the class will occur when you want it. Rope Rescue Operations, Rope Rescue Technician and Confined Space Operations classes will go with a minimum of 12 students, 15 for Trench Operations and Technician, 18 for Confined Space Rescue Technician. There will be a maximum of 30 students for each initial training or "Train-the-Trainer" class.

Illinois has a tremendous investment in funding these classes and the regional training assets to provide them. It would be extremely unfortunate to see the funding for these classes run out without staffing the 38 teams with completely trained responders.

Feel free to drop me an e-mail with questions. Greg Fisher - [gafisher@fsi.uiuc.edu](mailto:gafisher@fsi.uiuc.edu)

## **Technical Rescue Classes Available through IFSI & Regional Sites**

### **MAY**

May 8 - 12	North Aurora	Rope Rescue Operations*
May 8 - 12	Charleston R.T.C.	Confined Space Technician
May 8 -1 2	Cherry Valley Wk1	Rope Rescue Technician
May 15 - 19	Cherry Valley Wk2	Rope Rescue Technician
May 15 - 19	North Aurora	Confined Space Operations*
May 15 - 19	IFSI - Champaign Wk1	Rope Rescue Technician
May 16 - 18	IFSI - Champaign	Trench Rescue Operations
May 22 - 26	IFSI - Champaign Wk2	Rope Rescue Technician
May 22 - 24	North Aurora	Trench Rescue Operations*
May 22 - 26	IFSI - Champaign	Trench Rescue Technician

### **JUNE**

June 12 - 16	North Aurora	Trench Rescue Technician*
June 19 - 23	IFSI - Champaign	Rope Rescue Operations
June 19 - 23	IFSI - Champaign	Trench Rescue Technician
June 24 - 25	Kankakee (1st Wknd)	Rope Rescue Operations
June 26 - 30	Marion R.T.C.	Trench Rescue Technician

### **JULY**

July 8 - 9	Kankakee (2nd Wknd)	Rope Rescue Operations
July 9 - 13	North Aurora	Confined Space Operations*
July 14 - 16	North Aurora	Trench Rescue Operations*
July 10 - 14	Marion R.T.C. Wk1	Rope Rescue Technician
July 17-21	Marion R.T.C. Wk2	Rope Rescue Technician
July 22 - 23	Kankakee (3rdWknd)	Rope Rescue Operations
July 29 - 30	R I Arsenal RTC (1st Wknd)	Rope Rescue Technician

### **AUGUST**

August (4) 5 - 6	Kankakee (1st Wknd)	Confined Space Operations
August 12 - 13	R I Arsenal RTC (2nd Wknd)	Rope Rescue Technician
August 14 - 18	North Aurora	Rope Rescue Operations*
August 14 - 18	Quincy R.T.C.	Rope Rescue Technician
August(18)19-20	Kankakee (2nd Wknd)	Confined Space Operations
August 21-25	Quincy R.T.C.	Rope Rescue Technician
August 21 - 25	IFSI - Champaign	Rope Rescue Operations
August 26 - 27	R I Arsenal RTC (3rd Wknd)	Rope Rescue Technician
Aug 28 - Sept 1	IFSI - Champaign	Confined Space Operations

### **SEPTEMBER**

Sept. 6 - 8	North Aurora	Trench Rescue Operations*
Sept.9 - 10	R I Arsenal RTC (4th Wknd)	Rope Rescue Technician
Sept. 11 - 15	Marion R.T.C.	Rope Rescue Operations
Sept. 12 - 14	IFSI - Champaign	Trench Rescue Operations
Sept. 11 - 15	IFSI - Champaign Wk1	Rope Rescue Technician
Sept 15,16,17	Kankakee	Trench Rescue Operations
Sept. 18 - 22	IFSI - Champaign Wk2	Rope Rescue Technician
Sept. 18 - 22	North Aurora	Confined Space Operations*
Sept.23 - 24	R I Arsenal RTC (4th Wknd)	Rope Rescue Technician
Sept. 25 - 29	IFSI - Champaign	Trench Rescue Technician

Watch the IFSI web site for additional classes that may be added as Memorandum of Agreements are signed and returned.

Any questions regarding Rope or Confined Space classes please contact Greg Fisher at [gafisher@fsi.uiuc.edu](mailto:gafisher@fsi.uiuc.edu) or call 217-244-1220.

Any questions regarding the Trench Rescue classes please contact Dan Hite at [hite@fsi.uiuc.edu](mailto:hite@fsi.uiuc.edu) or call 217-244-4168.



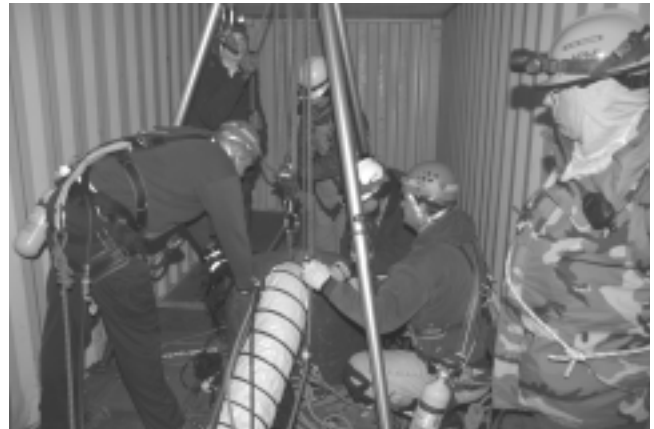
Refresher of Vertical Technician pick off skills on Day 1 of Confined Space Technician.



Vertical entry into a confined space with collapse and entrapment of a victim using a supplied air respirator.

## ***Confined Space Rescue Technician Class March 2006***

Confined Space Attendant at entry point with high point anchor, retrieval system, airlines and ventilation keeping watch on the rescuers in the confined space.



Confined Space Technician completing a double block and bleed to isolate the confined space prior to making entry.



Confined Space Technicians checking a haul system prior to using it to remove a victim.

# Agricultural Programs

Agricultural programs at the Illinois Fire Service Institute continue to grow. We are working to build a partnership with the Illinois Farm Bureau and set up a display of agricultural rescue tools during the Farm Bureau's leadership conference in Springfield in February.

We also have been working with Grain Systems, Inc. (GSI) — the world's largest grain bin manufacturer headquartered in Assumption, Ill. GSI built a mobile grain bin prop and offered additional on-site props. The mobile prop is done and was delivered on April 3. The prop features a roof designed to facilitate a rescue out of the top of the bin and cut-out panels that can be replaced for through-the-bin rescue training. These features will allow us to provide realistic grain bin rescue training on a reusable prop in your community.

We now offer an eight-hour Anhydrous Ammonia (NH<sub>3</sub>) class which includes classroom and hands-on training. It is designed for volunteer firefighters and first responders with a focus on anhydrous emergencies.

We are also developing a class that will train on how to respond to and handle animal

emergencies during highway accidents and on-farm emergencies. Another class we are in the early stages of working on is rescue for commercial grain handling facilities. This class will focus on vertical rescue, ropes and rigging along with patient packaging.

*Dan Hite  
Agricultural  
Program  
Manager*



*Left to right: Dennis Spice, IFSI Corporate Development; Jeffrey Decker, GSI Technical Sales Manager; Dan Hite, Agricultural Program Manager.*

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## Homeland Security Training

The Homeland Security Program at the Illinois Fire Service Institute (IFSI) is focusing efforts on two ongoing projects.

The Unified Command class has been re-released in the new two-day format. Two Train-the-Trainer classes have been conducted at Northeastern Illinois Public Safety Training Academy (NIPSTA) and IFSI. Instructors who wish to attend a Train-the-Trainer class for Unified Command should contact Bill Farnum ([wfarnum@fsi.uiuc.edu](mailto:wfarnum@fsi.uiuc.edu)).

The Unified Command class is being offered throughout the state in its new two-day format. The Unified Command class is now ICS 100 and 200 level compliant and students who attend the class will complete both tests while attending the course.

The Unified Command course exercises now encompass the ICS forms that are part of the National Incident Management System (NIMS). As part of the training, students complete the ICS 201 and 202 forms which are part of a comprehensive Incident Action Plan that would be part of large and complicated incidents.

The Homeland Security program is also continuing to offer the Command and General Staff course throughout the state. Courses

have been completed in Springfield, Wheaton, Champaign, and Quincy with over 90 people being trained to develop an incident action plan. The course has been well-received by many different disciplines.

The Command and General Staff class takes an extensive look at the ICS positions for Command (Liaison, Information and Safety) and General Staff positions (Operations, Planning, Logistics, Finance/Administration, and in some cases, Intelligence). The course introduces the various ICS forms that are key to the development of an Incident Action Plan and students are presented several scenarios where they are challenged with developing action plans that can be utilized to solve problems.

Additional courses have been scheduled for Rock Island, Springfield, Champaign, and Naperville, as well as for the city of Chicago. The courses are available on the IFSI website under the title NFA Command and General Staff. You can register for the classes online or you can fax a registration request to 217-244-6790. Please send written requests to the attention of Jan Rusk who coordinates the registration process for the Command and General Staff class.

*Joe Gasparich  
Homeland  
Security  
Program  
Director*

# E-Learning — Web-Based Training

*Rich Valenta  
E-Learning  
Program  
Director*

Greetings from the Illinois Fire Service Institute (IFSI) E-Learning division. It is our hope that you have received and are using the latest Down & Dirty Training Package offering, "Rural Water and Tender Operations." We have mailed the training package to all fire departments — if you have not seen the package, please contact your chief or training officer to view your copy.

In keeping with our goal and commitment to offer accessible basic training to fire departments throughout the state via the internet, IFSI is pleased to introduce a new online course - Fire Service Vehicle Operations (FSVO) — that will be available for delivery on August 1, 2006. This course has been developed with the assistance of Volunteer Firemen's Insurance Services, Inc. (VFIS). Fire Service Vehicle Operations is designed to give fire service personnel the basic knowledge and skills to safely perform fire service vehicle operations as defined by NFPA 1451. Fire Service Vehicle Operations Program meets the objectives of the Illinois Fire Service and the Illinois Office of the State Fire Marshal.

The Fire Service Vehicle Operator online course consists of two sections. Students wishing to receive full state certification MUST complete both sections. Students can participate in IFSI Fire Service Vehicle Operator

online classroom course without completing the road competency course. Students wishing to receive full FSVO certification MUST complete the Road Competency course in addition to the classroom portion of the program. The online classroom portion of this course consists of, reading, viewing online multi-media presentations, optional student activities to enhance learning, and online quizzes. A certified FSVO instructor administers the Road Competency course.

The following requirements must be met in order to obtain certification from the Office of the Illinois State Fire Marshal: successful completion of the FSVO online course, certification at the Firefighter II level to achieve full certification of Fire Service Vehicle Operator (if the individual is not certified Firefighter II, a provisional certification will be awarded until Firefighter II certification is awarded), passage of state practical exam, and passage of state written exam.

Distance learning continues to be a successful method of instruction and reaching the firefighters of Illinois. FSVO registration information will be available soon on the IFSI website. We are in the process of completing the development of Cause and Origin Awareness Online.

Take care and work safe.

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## First Service Women of Illinois NFP

With the departure of Cheryl Horvath to a new position in Arizona, the Women in the Fire Service Program is under new leadership. The new Board of Directors:

President: Julia Mattera, DeKalb Fire Department

Vice-President: Heather Moore, Springfield Fire Department

Vice-President: Pat Stoudt, Orion Fire Protection District

Secretary: Alicia McCoy, Abbott Fire Department

Treasurer: Marcia Miller, Illinois Fire Service Institute

A few of the goals that the group is planning to achieve:

- Setting up a web page with links to the IFSI web site.
- A newsletter published and distributed twice a year.
- Semi-annually training conferences.
- Continued networking and training.

**Next Training Weekend  
October 21 - 22, 2006**

# Research Update

The Research Program at the Illinois Fire Service Institute (IFSI) is in the midst of a very exciting time in our development. Over the past year and a half, we have spent countless hours considering our goals, our vision, and most importantly ... our purpose. In doing so, we have developed a roadmap that traces back to the initial heat stress work by Drs. Denise Smith and Steve Petruzzello -- a road map that also looks to the future with collaborators from across the University of Illinois campus and beyond. Though the projects that come out of the Research Program involve many different disciplines and expertise (just like the Fire Service itself), they all have the same core focus ... *IMPROVING FIREFIGHTER SAFETY & HEALTH.*

We are incredibly proud of the legacy of heat stress research conducted by Denise and Steve. Their effort is one example of the world-class research that we are capable of conducting at IFSI. For years, their projects have been praised by the Fire Service because of their focus on reducing fatalities and injuries. Recently, this work caught the attention of the general population...specifically, the folks at Discovery Channel. Denise, Steve, Director Jaehne and several other IFSI staff members are featured in a program that should air this Spring. You can view a short video overview of the program, "Feeling the Burn," at <http://www.exn.ca/dailyplanet/view.asp?date=1/25/2006>. This opportunity has not only brought national attention to the heat stress issues faced by firefighters, but also to the Institute and the outstanding programs that are conducted at IFSI each day.

Building from the national exposure provided by the Discovery Channel program, IFSI is currently bringing new partners into the Fire Service research arena. Several discussions with the College of Medicine have focused on developing a better understanding of how heat affects the coagulation of blood and the entire circulatory system in general. The Division of Nutritional Sciences has joined with IFSI to design projects that will investigate methods of improving nutritional intake during rehab while at an incident as well as investigating the use of daily supplements that may improve cardiovascular health and firefighter performance, without requiring a change in the Fire

Service traditions or culture at meal time. All of these projects will deepen our understanding of the ways in which heat and fire fighting affect the human body and how we can improve its resistance to the catastrophic injuries and fatalities that can result.

As we remember our past, evaluate our present, and look to the future, the goal of improving firefighter safety and health is always at the forefront ... in an effort to help

"Everyone Go Home."

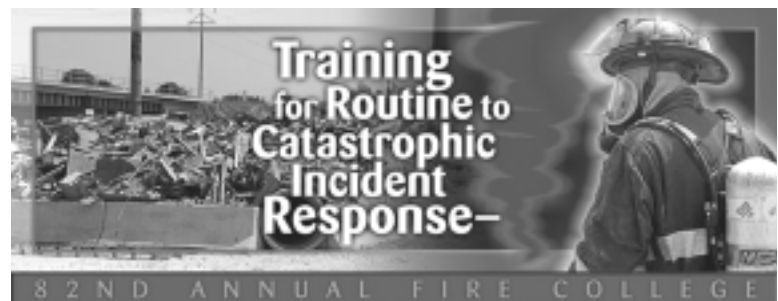
<http://www.everyonegoeshome.com/>

*by Gavin Horn  
Research  
Program  
Manager*

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You can view a shortened version of the video "Feeling the Burn" by visiting the Discovery Channel web address:

[www.exn.ca/dailyplanet/view.asp?date=1/25/2006](http://www.exn.ca/dailyplanet/view.asp?date=1/25/2006)



# Fire Investigation Program

*Eddie Bain  
Fire  
Investigation  
and  
Fire Prevention  
Programs*

## **More “Hands On”**

A longstanding goal of programs and classes delivered by the Institute is to make the training as “real & practical” as possible. Firefighters and police officers are great learners especially when the class supplies that proverbial “hands-on” experience. In order to respond to requests for “more hands-on” training - comments received on so many investigation class evaluation forms, Fire Investigation staff have developed a new live-fire training prop. I’m joking just a little about the reason for the development of the new prop, but it will certainly provide more “real” opportunities for investigators to learn.



A 40-foot Sea-Land container, so common to institute life, has taken on a new role in Champaign. I’m talking about the Arson Burn Can, a.k.a. the “A B C Prop” designed, developed and constructed at the Institute last Fall. The ABC was divided into three sections and fitted with steel framework that will allow the installation of drywall into the interior compartments. The drywall forms rooms with “walls” that serve as an artist’s canvas. After fires that have been carefully arranged by instructors are extinguished, the walls display fire patterns for investigators to read and interpret. The fires typically represent a variety of causes ranging from accidental to incendiary.

The real beauty of the ABC is that the drywall can be removed and re-installed easily and quickly. The installation framework holds the drywall wall sections in place without any nails or screws. The ceiling drywall requires minimal attachment points. This concept allows instructors to “turn-the-scene-around” very quickly and ready the ABC for another class or project. The design structure can also be arranged in a variety of room shapes and sizes. Ideas for this effort were provided by Institute staff, University of Illinois Iron Workers and the Illinois Chapter of the International Association of Arson Investigators. It truly has been a team effort. University of Illinois Engineering students working with IFSI’s Gavin Horn are developing additional design concepts to be used in the program. Their projects and ideas are due to arrive at the end of this academic year. The ABC will be placed into service for the Spring Investigation Program and all indications are that it will perform well. The next goal for the ABC is to go “mobile.”

Stay tuned.

***Look for IFSI at the Illinois  
Association of Fire Protection  
District’s conference in  
Springfield.***

***June 22- 25, 2006***



# State Farm and IFSI Partner to Deliver Interactive Telecast

Last Fall, State Farm Insurance and Ron Moore, author of our extrication textbook, presented an excellent live 90-minute telecast that went to all the regional offices throughout North America. The regional office made their office space available so that rescue personnel in each area could participate by watching and emailing questions that could be answered during the telecast. There were over 20,000 participants for that telecast which at last count, there would 10,000 requests from all over the world for the CD of the telecast. Contact your State Farm agent for information on how to obtain a copy.

The next telecast is June 23 at 1:00 pm in which State Farm, Ron Moore and the Illinois Fire Service Institute (IFSI) will be presenting the second phase. Auto manufacturers are designing their cars now in a way that the passengers will be safer if their vehicles roll over. They are incorporating more metal in the posts to protect those inside. Consequently, it is making it harder for us to make entrance into the vehicle. At the next telecast, State Farm and Ron Moore will be showing more on what is different on the structures of the newer vehicles, then IFSI will be demonstrating techniques that need to be practiced to safely make entrance. In addition, more updates on air bags and hybrid vehicles will be presented. Once again, this will be a live telecast where the audience can interact during the program.

**CAUTION** - We have been emphasizing the "strip and peek" method before making any cuts on the vehicle posts. I can't emphasize

enough that you need to make this a practice at all vehicle extrication scenes. One of the things we talk about is the side curtain air bags with the gas cylinder located in either the "A" or "B" post. Now, we are seeing the cylinder right above the "B" post also, so those of you who make a "V" cut right above the post, beware of the possibility of a gas cylinder.

Through the Cornerstone Program, we offer free classes in New Car Construction and Hybrid technology. If you are interested in hosting one of these classes, send in a request form. We will be glad to come and make a presentation.

*Duane Bales  
Vehicle  
Extrication  
Coordinator*



*This photo shows the location of the gas cylinder for the side curtain air bag. The shot is from the inside of the vehicle with the "B" post showing just to the right of the cylinder.*



**IFSI recognizes those businesses and organizations who support our mission of helping firefighters do their work through training, education, information and research.**

**Five Bugle Level (\$5,000+)**

Cooper B-Line  
Rae Systems, Inc.

**Four Bugle Level (\$1,000 - \$4,999)**

Abbott Laboratories  
Armored Textiles, Inc.

**Three Bugle Level (\$500 - \$999)**

Packaging Corp. of America  
Scott Health and Safety

**Two Bugle Level (\$100 - \$499)**

Fire Tech., Inc.

**One Bugle Level (\$25 - \$99)**

Monicals Pizza Corp.

# Library Updates & Highlights

Lian Ruan  
Head Librarian

**Archivist/Metadata Librarian:** Adam Groves joined the staff of the IFSI Library in January as Archivist and Metadata Librarian. Adam is primarily responsible for managing the archives and institutional repository collections. With the archives, Adam is helping to document and maintain the overall history of IFSI, while his work with the institutional repository focuses specifically on preserving the academic output of the Institute. Adam is also responsible for compiling historical information and images for the "Significant Fires and Emergencies in Illinois History" project.

**Reference Services:** Diane Richardson, Reference Librarian, and her team handled 1,451 reference requests from November 2005 to February 2006. They have added 20 EFO papers by Illinois authors to the collection, making 239 total. The library started a current awareness service involving journals in our collection as a new outreach service to field instructors. Due to the enhanced ease of use of the new library website and online catalog, the team has also handled an increase in web requests.

**Grant Project:** The library received a grant from the Illinois State Library in October 2005 to employ innovative technology to create a new library service, "The Digital Illinois Fire Departments Training Network Database." The IFSI Library is training more than 25 selected fire departments to maintain a digitized record of their training calendars and activities and to provide access to this digital information through the IFSI website. This new service helps improve the training of firefighters by providing access and usage of fire emergency information resources "at the right time."

**Practicum Students:** Two graduate students from the U of I Graduate School of Library and Information Science (GSLIS) enrolled in practicum courses at IFSI Library during Summer and Fall 2005 -- each contributing 100 hours to work on cataloging projects.

**Professional Development:** Head Librarian, Lian Ruan was admitted by GSLIS in Fall 2005 as a doctoral student. Her graduate

research project examines how information assists interagency groups within the homeland security's unified command system in problem solving, decision- and policy-making, and actions during daily routines, training, and incidents in hot zones.

**New IFSI Library Committee:** Chair Mike Kimmerling, Training Officer for the Bloomington Fire Department agreed to serve as the new chair for the IFSI Library Committee. Chief Bill Riddle, Sycamore Fire Department, is the outgoing chair.

## Selected Titles Added to IFSI Library

A Law Enforcement and Security Officers' Guide to Responding to Bomb Threats  
Current Status, Knowledge Gaps, and Research Needs Pertaining to Firefighter Radio Communication Systems  
Enhancing Public Health Preparedness: Exercises, Exemplary Practices, and Lessons Learned  
Exam Prep: Airport Fire Fighter  
Exam Prep: Fire Department Safety Officer  
Exam Prep, Technical Rescue: Structural Collapse and Confined Space  
Exam Prep, Technical Rescue: Ropes and Rigging  
Exam Prep, Technical Rescue: Vehicle/Machinery and Water/Ice  
Fire Prevention Applications  
Hazardous Materials, Managing the Incident, 3rd ed.  
In the Line of Fire: Trauma in the Emergency Services  
Model Procedures Guide for Highway Incidents  
National Incident Management System: Principles and Practice  
Report of the Technical Investigation of The Station Nightclub Fire (Vol. I & Vol. II)  
Street Smart Chemistry: Emergency Response Guide Featuring Weapons of Mass Destruction  
Technical Rescue Operations: Volume II : Common Emergencies  
The First 72 hours: a Community Approach to Disaster Preparedness  
The Hazards Associated with Agricultural Silo Fires  
**Plus 18 New Videos**

## Government Info Online

If you browse the IFSI Library's New Titles lists, you have probably noticed quite a few

**For loan information, please contact the Library at 1-800-437-5819**

government documents are regularly added to our collection. Government information is freely available and easy to access. Many government agencies have helpful documents and information available through their websites. Various government agencies, besides the well-known U.S. Fire Administration (<http://www.usfa.fema.gov>), support the mission of the fire service.

The Consumer Product Safety Commission (<http://www.cpsc.gov>), for example, issues product recalls as well as statistical data on matters related to home and fire safety such as flammable products, fireworks, home heating equipment, carbon monoxide poisoning,

etc. The Building and Fire Research Laboratory (<http://www.fire.nist.gov/>) studies building materials, fire science, and fire engineering. It provides software for computer modeling and simulations, and animations and photos of fire tests. Check out their many publications and fact sheets. The National Agriculture Safety Database (<http://www.cdc.gov/nasd/menu/topic/topic.html>) makes available many documents related to home and agricultural safety and fire prevention. OSHA also has information and standards for emergency responder safety and preparedness (<http://www.osha.gov/SLTC/emergencypreparedness/responder.html>).

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## ***Nancy Mason Assumes New Responsibilities***

Nancy Mason has been asked to take on a new task for the Institute -- leading the efforts for grant funding. "I cannot move to my new responsibilities without saying thank you to both the instructors that have placed so much of their time and energy into the HazMat and CBRNE program, and for the Fire Service that has provided me so much support over the years," Nancy said.

"I hope that you will provide the same level of support to Chris Downey as he begins his

leadership role within the HazMat and CBRNE program. I came to this program with a 'mission zeal' to make this program one of the best in the nation, to protect firefighters, and save lives. I must now pass this torch to Chris and the rest of the fire service as I assume my new responsibilities. Please know my prayers are with you, and I will never forget the memories of serving such dedicated men and women."

## ***Chris Downey Steps in for HazMat***

I wanted to take this opportunity to first introduce myself as the new Hazardous Materials Program Director. As many of you know, I have worked with the program over the last year learning the ropes. I have spent a majority of my time with the Office of Domestic Preparedness (ODP) curriculum review project and getting to know the instructors out in the field. I now step in to lead a program that Nancy Mason has expanded exponentially. She started the program with one trailer and a few instructors. It has now increased to eight trailers, two trucks, in excess of 70 instructors, and over 120 classes per year. We, in the HazMat office, hope to continue to provide the quality courses that this program is known for, as well as strive to push forward as new challenges arise.

Secondly, I want to personally thank all the MABAS divisions and individual depart-

ments that helped to make the first MABAS/ITTF/IFSI Hazmat Training Symposium a great success. We were able to successfully bring together over 250 attendees and staff to discuss topics such as future training, team validation, Unified Command, lessons learned and where we go from here. This was a great opportunity to network with other HazMat professionals and to bring valuable information back to your teams and departments.

We appreciate all that you have done to support the HazMat program in the past and hope to continue working with you in the future. Please feel free to contact me with any questions or comments by email at [cjdowney@fsi.uiuc.edu](mailto:cjdowney@fsi.uiuc.edu) or by phone at 217/244-4451.

# **Personnel Changes**



## Schedule

### WEDNESDAY, May 31

Registration 6:30 p.m. - 8:00 p.m.  
 IFSI Library open 8:30 a.m. - 9:00 p.m.

### THURSDAY, June 1

Registration 6:30 a.m. - 9:00 a.m.  
 and 11:00 a.m. - 5:00 p.m.  
 Orientation 8:30 a.m.  
 Assembly 9:15 a.m.  
 Keynote address  
 Lunch 11:00 a.m.  
 Classes 1:00 p.m. - 5:00 p.m.  
 Vendor Displays 6:30 a.m. - 9:00 a.m.  
 and 11:00 a.m. - 5:00 p.m.  
 "Myths and Realities" 7:00 p.m. - 10:00 p.m.  
 IFSI Library open 8:30 a.m. - 9:00 p.m.

### FRIDAY, June 2

Registration 7:30 a.m. - 5:00 p.m.  
 Classes 8:00 a.m. - 5:00 p.m.  
 Vendor Displays 7:30 a.m. - 5:00 p.m.  
 Open House 7:30 p.m.  
 IFSI Library open 8:30 a.m. - 9:00 p.m.

### SATURDAY, June 3

Registration 6:30 a.m. - 10:00 a.m.  
 Classes 8:00 a.m. - 5:00 p.m.  
 Vendor Displays 6:30 a.m. - 10:00 a.m.

### SUNDAY, June 4

Classes 8:00 a.m. - Noon.

## Again this year

- UI Assembly Hall to serve as registration and transportation hub for Fire College.
- Advanced acknowledgement of class assignment via email.
- Online registration.
- All fees will be invoiced after Fire College.
- No change in fee structure since 2003.

## Important Dates

April 3, 2006 Registration begins.  
 April 28, 2006 Last day to register without late fee.  
 May 10, 2006 Confirmation emailed to those providing valid email addresses.  
 Confirmation will show in what classes student is enrolled.  
 May 19, 2006 Last day to cancel without penalty.  
 May 26, 2006 Last day to advance register.  
 Sept. 29, 2006 Last day to contest any fees assessments or billing disputes IN WRITING to Brian Brauer, Fire College Director.

## Fire College Registration Fees

(before or on April 28, 2006)  
 12-Hour class: \$50.00  
 12-Hour hands-on class: \$100.00  
 24-Hour class: \$100.00  
 24-Hour hands-on class: \$200.00

Registration Fees (after April 28, 2006, including at the door)  
 Add \$50.00 late fee per student.

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**Online registration is the best way to assure that you get the classes you want.**

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## Registration

*Three easy ways to pre-register*

1. Online at [www.fsi.uiuc.edu](http://www.fsi.uiuc.edu) (requires a chief's PIN number and a valid email address)
2. Fill out registration form and fax to (217) 244-6790
3. Fill out the registration form and mail to:  
Illinois Fire Service Institute  
11 Gerty Drive  
Champaign, IL 61820

## Walk-in Registration

Walk-in Registration will be available at the start of Fire College, however your class selection may be limited to open enrollment classes.

## On-Site Check-In and Registration

Each person participating in Fire College activities must check in at the registration desk with their photo ID to pick up their registration, attendance tickets, and class assignments.

Each registrant must complete a separate registration form and must show a photo ID at the registration desk in order to receive a registration packet and security bracelet.

No pick up of multiple registrations by one person will be allowed, regardless of rank or department.

Failure to check in at the registration desk will prevent you from participating, but you will be responsible for any and all class fees that you registered for.

If you have not registered in advance, you may register on-site at Fire College registration desk.

**Mark your calendar for the 83rd  
Annual Fire College**

**May 30 - June 3, 2007**

## 2006 FIRE COLLEGE CLASSES

### FIRE FIGHTING CLASSES

Entry Level Recruit Training  
RIT Team Basics: Theory, Tools and Implementation  
Commercial Building Operations for Engine Companies  
Essential Truck Company Operations  
Fire Fighting Core Competencies  
Coordinated Fire Ground Operations  
Fire Protection for College Campuses  
Thermal Imaging Camera Training  
Advanced Response to LPG Emergencies  
Fighting Single-Family Dwelling Fires

### DRIVER/OPERATOR CLASSES

Fire Service Vehicle Operator Train-the-Trainer  
Pumper Operations

### OFFICER CLASSES

Introduction to the NFIRS 5.0 Reporting System  
Firefighter Initial Fire Investigation  
The Fire Scene Officer  
First-In Officer  
NFA: Leadership I: Strategies for Company Success  
NFA: Methods of Enhancing Safety Education  
NFA: Courtroom Preparation and Testimony for First Responders  
NFA: Command & Control Wildland/Urban Interface Operations  
for the Structural Chief Officer  
NFA: Preparations for Initial Company Operations  
High Rise Fire Fighting Operations

### RESCUE CLASSES

Technical Rescue Awareness  
Basic Auto Extrication  
Bus Extrication  
Essentials of Vertical Rescue  
Emergency Shoring Refresher  
Confined Space Rescue  
Farm Extrication & Rescue  
Grain Bin Rescue

### EMS CLASSES

EMS Leadership and Management for the Front Lines  
Firefighter Rehabilitation and Heat Stress Management  
Rescue Medic Awareness  
NIMS for EMS

### HOMELAND SECURITY CLASS

Emergency Response to Terrorism: Basic Concepts

The Fourth Annual Explorer - Cadet Fire School is slated to kick off the evening of July 27th through July 30, 2006. Another dynamic three and a half day "hands-on" class has been put together by a group of past participants attending this year's Winter Fire School.

The youth input made plans for this year's event including program, meals and selection of souvenirs to present. The young adults identified a need to create a new module that will be the cornerstone or building block for all future schools of this type.

With the addition of an Essentials or Core Competencies class for the school's first-time participants, Cadets and Explorers returning for future schools will have the basics of fire service operations under their belts. Students will then be more comfortable when they are exposed to the rigors of training evolutions in smoke conditions.

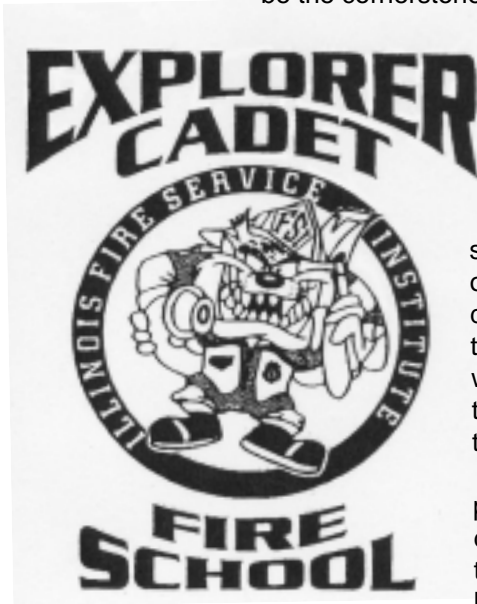
This year's school is planned for around 300 students to be involved in practical skills training in fire hose, ladders, breathing apparatus, fire streams, rural

and urban water supply, ventilation, forcible entry, ropes and knots, rapid intervention team, propane fire fighting, and structural fire fighting. In order to minimize the potential for heat stress-related incidents, the scheduled program will include drills and evolutions in the morning and evening. Students will have to attend those sessions in their entirety in order to be eligible for a certificate. Afternoon sessions will be optional but will include exterior water related operations to assist in keeping participants cooler in the "heat of the day."

As in past years, groups are encouraged to stay in the dormitories to reduce the cost of their participation, as housing is included in the cost of the program. Breakfast and lunch are included in the price of the program IF the group stays in the dormitory. Souvenirs will include a shirt and hat and a commemorative item to be announced. Gear bags with the school logo will be available for \$40.00 while supplies last.

Groups interested in participating are encouraged to go to the IFSI website and click on the Explorer-Cadet Fire School icon for the downloadable brochure, registration form and all related information regarding chaperone, participant, equipment, physical expectations and prerequisites.

Please contact Greg Fisher at [gafisher@fsi.uiuc.edu](mailto:gafisher@fsi.uiuc.edu) or call 217-244-1220 with questions.



## ***July 27 - 30, 2006***

### ***Dates to watch for***

June 19 - 23	Fire Arson Investigation Module 1
July 5	HazMat Awareness Online begins
July 5	Tech Rescue Awareness Online begins
July 5	ERT:BC Online begins
July 10 - 14	Fire Arson Investigation Module 2
July 24 - 28	Fire Arson Investigation Module 3
August 1 - 3	Public Information Officer Class
August 28 - September 1	Fire Service Vehicle Operator Online
September 5 - 8	HazMat Awareness Online
September 11 - 15	Illinois Chapter Intl. Assoc. of Arson Investigators Conference
September 29 - October 1	Illinois Firefighter's Association Conference

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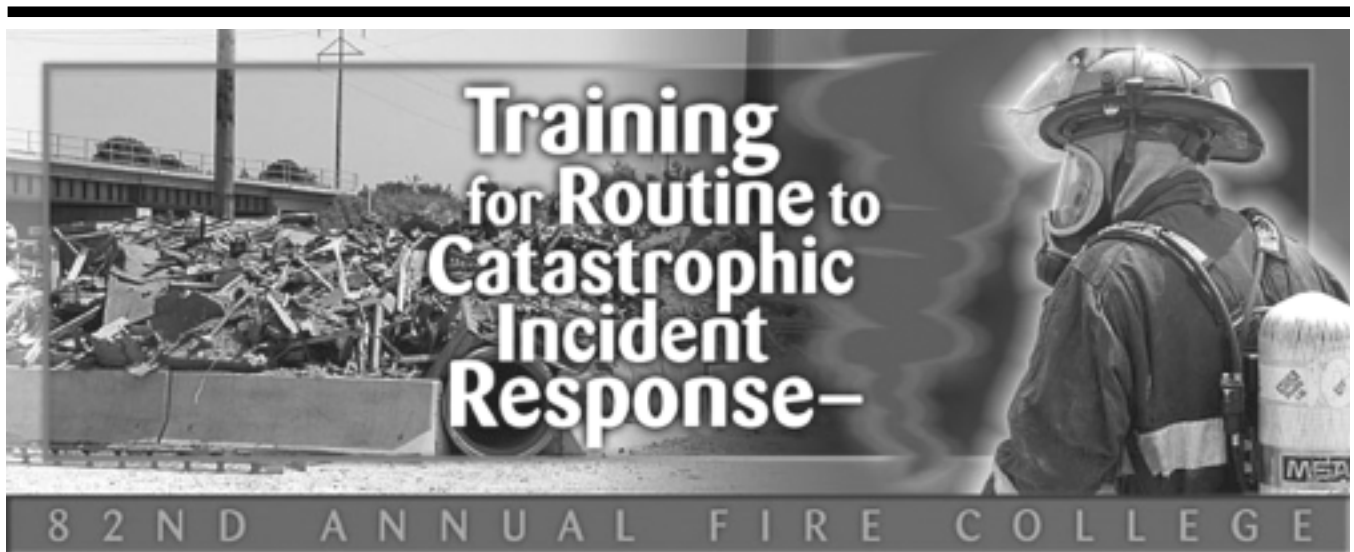
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