

THE UNIVERSITY OF ILLINOIS

*announces the*

39TH ANNUAL



ILLINOIS FIRE COLLEGE

JUNE 10 - 11 - 12 - 13, 1963

URBANA, ILLINOIS

*(daylight saving time)*

*Conducted by the*  
DIVISION OF UNIVERSITY EXTENSION

*In cooperation with the*  
ILLINOIS FIRE SERVICE ORGANIZATIONS  
AND AGENCIES

## **PROGRAM**

**39th Annual Illinois Fire College**

**June 10 - 13, 1963**

### **SUNDAY, June 9, 1963**

**7:00-9:00 p.m. Registration - Dining Room  
Inman Hotel, Walnut and University Avenue, Champaign**

### **MONDAY MORNING, June 10, 1963**

**8:00-10:00 a.m. Registration - University Y.M.C.A.,  
1001 S. Wright Street, Champaign**

**10:00 a.m. Room 112 (Auditorium) Gregory  
Hall (on campus)**

**Invocation - Associate Minister  
E. E. Atherton, First Methodist  
Church, Urbana**

- 1. Assembly - Introductory Remarks,  
Emmett T. Cox, General Fire  
College Chairman - Director,  
Fire Prevention Department,  
Western Actuarial Bureau, Chicago**
- 2. Presentation of Colors and Salute  
to the Flag - Fire Department,  
University of Illinois**
- 3. Greetings - Honorable Otto Kerner,  
Governor of the state of Illinois**

**Honorable Joseph E. Ragen, Director,  
Department of Public Safety**

**Honorable William J. Cowhey, State  
Fire Marshal**

**Dean Stanley C. Robinson, Division  
of University Extension**

**Mr. E. E. Wanders, President,  
Illinois Association of Fire Pro-  
tection Districts, Northlake, Illinois**

**Chief Fred Wilson, President of  
Illinois Firemans Association, inc.**

**President of Illinois Fire Chiefs  
Association**

4. **Keynote Address – “The Next Four Days”** – Harry L. Krieger, Asst. Manager, Ohio Inspection Bureau, Columbus, Ohio
5. **39th Annual Fire College** – R. K. Newton, Director, Illinois Fire College

**Lunch**

**AFTERNOON SESSION**

**NOTE:** Classes are scheduled for Monday and Wednesday, however, if rain should prevent demonstrations on Tuesday afternoon, the classes scheduled for Wednesday will be moved to Tuesday afternoon and the demonstration on Wednesday.

**1:00 p.m. 6. CLASSES**

**5:00 p.m.**

**A – Rural Firefighting (6 Hours)**  
Instructors, Clifford Binninger and James Montgomery, Galena Fire Department

Making the most of available water supply. Efficient application of water. Problems of Mutual Aid. Newer Hazards.

**B – Pumper Operators (6 Hours)**  
100 Noyes Laboratory, Instructors, R. H. Solomon, Engineer, Illinois Inspection and Rating Bureau, Chicago, and Elmer Dicke, Assistant Chief, Downers Grove Fire Department, Downers Grove, Illinois

Pumping Water-Friction loss. Work the Pumper does. Supplying Fire Streams (booster – 1½” – 2½” master)

**C – Salvage (6 Hours)**  
Men’s Old Gymnasium, North East Corner of Wright and Springfield Ave. (on campus), Instructors, Marvin Austin, Engineer, Illinois Inspection and Rating Bureau and Chief Dale Moore, University of Illinois Instructor

Salvage saves property, protects merchandise, machinery, and

fixtures. Using covers to best advantage. Methods of folding and spreading salvage covers. Sprinkler systems – preventing water damage.

#### **D – Rescue (6 Hours)**

215 Gregory Hall and at Stadium, Instructors, Joe Deichman, Bn. Chief, Chicago Fire Department

This is also a participation class. Tools and Equipment – The rescue knot – The power ram – Ladder rescues – Life net – Rope Sliding – Gin poles – Block and tackle – Jacking and blocking and rescue in collapsed buildings.

#### **E – Structural Firefighting (6 Hours)**

Chief Arthur Holtz, University of Illinois and Elmhurst, Illinois

Actual firefighting in 1½ story dwelling. Fire situations must be sized up and fires extinguished. Critique after each fire.

#### **F – Flammable Liquid Fires (6 Hours)**

Southwest of Stadium, Instructors, Chief W. J. Eckert, Quintin J. Maehlman, Fire Service, University of Illinois Division of Extension

Galoline and Fuel oil under pressure. Extinguishing techniques. Safety measures against injury. Use of protective clothing.

#### **G – Compressed Gases Firefighting (6 Hours)**

Southwest of Stadium, Instructors, Captain Jack Carter and Chief Paul Partridge, Mt. Vernon, Illinois, Fire Service, Division of University Extension

Fires in gases under pressure. Proper techniques for control and protection of exposures. Danger of reignition after extinguishment.

#### **H – Arson Detection (8 Hours)**

213 Gregory Hall, Instructors

Robert May, Chief Special Agent,  
National Board of Fire Under-  
writers, Chicago, Illinois and  
Captain John Walsh, Head of Bombing,  
Arson, and Homicide Squads, St. Louis  
Police Department, St. Louis

Auto Arson, Robert Sattler, Special  
Agent, National Auto Theft Bureau  
What constitutes evidence of  
arson? How to preserve evidence.  
How to present evidence. Your  
responsibility in arson detection.

**I - Radiation Hazards (10 Hours)**

Room 223 Gregory Hall and out of  
doors on June 13, a.m., Instructors,  
Wayne Jenkins, Cardington, Ohio  
and Anton Perne, Springfield,  
Illinois

Hazards of radioactive materials  
in industry and other applications.  
Instruction will include the science  
of monitoring the type and quantity  
of radiation present, explanation of  
Alpha, Beta, and Gamma rays, safe  
and dangerous concentrations, first  
aid treatment after exposure and  
vital information about radiation  
hazards.

**J - Industrial Fire Safety (8 Hours)**

112 Gregory Hall, Instructors,  
Captain Wm. Stalker, Caterpillar  
Company, Peoria and George  
Wineland, Fire Marshal, USI,  
Tuscola, Illinois

Gas explosions in industry. Elec-  
trical fires. Organizing and  
training fire brigades. Some in-  
spection techniques.

**K - Officer Command (6 Hours)**

100 Gregory Hall, Instructors,  
M. Q. Bullock, Miami, Florida,  
Chief, Fire Division Department  
of Public Safety and Professor  
L. W. Olson, Department of  
Speech, University of Illinois

Administration of fire department.  
Public relations with administrators  
of government. Budgets.

**L - Inspection (6 Hours)**

217 Gregory Hall, Instructor, Charles L. Roblee, University of Illinois Instructor  
Making the approach  
Techniques of Inspection  
Recognizing fire hazards  
Recommendations for elimination

**EVENING SESSION**

7:00 p.m.    **7. Rebuilding a Fire Department -**  
Chief Wayne Nelson, Galesburg,  
Illinois

**8. Moving Picture Program -**  
In Charge - Harry H. Wolff, ,  
Western Actuarial Bureau,  
Chicago

Marvin Austin, Engineer, Illinois  
Inspection and Rating Bureau,  
Chicago

John M. Snyder, Deputy Fire  
Marshal, Office of the State  
Fire Marshal, Springfield

**TUESDAY, June 12, 1963**

**MORNING SESSION**

9:00 a.m.    **Invocation -** Reverend Edwin W.  
Hahn, Pastor Trinity Lutheran  
Church, Urbana

**9. What the Public Expects of the  
Firefighter -** Chief Gerald L.  
Vaughn, Bartlesville, Okla.

**10. Municipal Liability for Fire  
Protection -** James W. Morgan,  
Attorney at Law, Madison, Wisc.

**11. Panel - Are You Using the Right  
Stream?**  
**Moderator,** Chief Lynn Ray, North  
Park, F. D.  
Chief F. C. Richter, Batavia  
Chief Ray Kolze, Des Plaines

**12. Industrial Preparedness**  
Thomas Howell, Staff Engineer,  
Caterpillar Tractor Co., Peoria

**Lunch**

## AFTERNOON SESSION

1:00 p.m.

A group photograph of the Fire College will be taken on the steps of the main Auditorium at 1:00 p.m., SHARP! Price of picture is \$2.00 mailed.

13. **Briefing Demonstrations** – Joe I. Fetters, 112 Gregory Hall immediately after taking of group picture.

**Demonstrations** – Dirt Storage Area  
Southwest of Stadium  
Tanker Fires  
Snorkel Demonstration  
2½ – 3" Hose  
Exposure Protection Nozzles  
Power Operated Ladder Pipe  
Water Relays  
Aerial Ladders

## EVENING SESSION

14. **Panel – Rural Fire Protection Problems**

**Moderator** – Dr. J. B. Meloan, Bushnell, The Rating Bureau's concern with Rural Fire Protection, A. E. Gent, Chief Engineer, Ill., Inspection and Rating Bureau, The Law and Rural Fire Protection, Frank Pfeifer, Legal Council, I.A.F.P.D., Chicago, Rural Fire Department Administration, Clayton Christenson, Rural Fire Fighting (to be announced)

## WEDNESDAY MORNING, June 12, 1963

9:00 a.m.

**Invocation** – Reverend Herbert Tiedemann, Pastor First Baptist Church, Urbana

15. **Cold Weather Operations** – Chief Frank Oberg, St. Paul, Minn.

9:45 a.m.

16. **Classes continued**

12:00

## AFTERNOON SESSION

1:00 p.m.

17. **Classes continued**

5:00 p.m.

## EVENING SESSION

7:00 p.m.

18. **Maintenance of Fire Apparatus and Equipment** – Hugh Walker, American La France Corp., Elmira, N.Y., George Layden, Chief Engineer, Peter Pirsch & Sons Co., Kenosha, Wisc.,

Harry Blank, Chief Engineer, Seagrave  
Company, Columbus, Ohio

7:45-9:00 19. Movie

**THURSDAY MORNING, June 13, 1963**

9:00 a.m. Invocation – Reverend E. J.  
Duncan, St. Johns Catholic Chapel,  
University of Illinois

20. Panel – Mutual Aid Operations  
Moderator – Chief Wm. Perrott,  
La Grange, Illinois  
Fire Marshal, R. A. Porter,  
Winnetka, Illinois  
Chief Howard Rindt, Danville,  
Illinois  
Chief Sidney Burnett, Mt. Vernon,  
Illinois

9:45 a.m. 21. Classes continued

12:00 noon

Lunch

**AFTERNOON SESSION**

1:00 p.m. 22. Awards

23. Misuse of Masks by Municipal  
and Industrial Firemen –  
George Morse, Mine Safety Appliances  
Co., Pittsburgh

24. Arson Fires in Illinois –  
Chief McMahon, Asst. Director  
Department of Public Safety,  
Springfield, Illinois

2:00 p.m. 25. Firefighting Techniques for  
Officers – Milton Q. Bullock,  
Miami, Florida

3:30 p.m. 26. Benediction – Emmett Cox.

**THE 1963 FIRE COLLEGE TRAINING  
AND PROGRAM COMMITTEE**

**UNIVERSITY OF ILLINOIS  
DIVISION OF UNIVERSITY EXTENSION**

R. W. Alsip, Secretary Illinois Firemen's Association,  
Inc., P. O. Box 8, Champaign, Illinois



- D. K. Auck**, Federation Mutual Insurance Company,  
20 North Wacker Drive, Chicago 6, Illinois
- J. W. Bush**, Plant Protection Engineer, Caterpillar  
Tractor Company, Peoria, Illinois
- William J. Cowhey**, State Fire Marshal, 615 Armory  
Building, Springfield, Illinois
- E. T. Cox**, Western Actuarial Bureau, P. O. Box  
1089, Chicago, Illinois
- Ulmont Crawshaw**, Chief, Fire Department,  
Carbondale, Illinois
- N. H. Davis, Jr.**, Executive Engineer, Underwriters'  
Laboratories, Inc., 207 E. Ohio, Chicago, Illinois
- J. I. Feters**, Head of Firemanship Training, 203  
Arcade Building, Champaign, Illinois
- Charles B. Gailliaert**, Past President, Illinois Fire-  
men's Association, Inc., P. O. Box 129, Colona,  
Illinois
- A. H. Gent**, Chief Engineer, Illinois Inspection  
Bureau, 175 W. Jackson Blvd., Chicago 4, Illinois
- Fred Haderlein**, Deputy Fire Marshal, Carlyle, Illinois
- B. A. Hartley**, Adm. Asst., National Bureau Fire  
Underwriters, 222 W. Adams, Chicago, Illinois
- O. E. Hirst**, Chief Volunteer Fire Department,  
Galena, Illinois
- R. P. Johnson**, Illinois Association of Fire  
Prevention Districts, 2023 W. Forrest Hill,  
Peoria, Illinois
- Hobart Kruse**, Chief, Champaign Fire Department,  
Champaign, Illinois
- Dr. J. B. Meloan**, 148 East Hurst Street, Bushnell,  
Illinois
- R. K. Newton, Head**, Firemanship Training,  
116D Illini Hall, Champaign, Illinois
- R. A. Porter**, Fire Marshal, Winnetka, Illinois
- William Perrott**, Pleasant View, President, Illinois  
Chief's Association
- Professor L. H. Provine**, Emeritus, 505 West  
Michigan Avenue, Urbana, Illinois
- L. G. Ray**, Chief, North Park Fire Protection  
Dist., 601 Wood Avenue, Rockford, Illinois
- E. F. Reske**, Manager, Illinois Inspection and  
Rating Bureau, 175 W. Jackson Blvd., Chicago 4.  
Illinois
- James Tonks**, Treasurer, Illinois Firemen's  
Association, Glenview, Illinois
- John Wade**, Chief, Belleville Fire Department,  
12 South Jackson Street, Belleville, Illinois
- E. E. Wanders**, Northlake, Illinois, President  
Illinois Association of Fire Protection Districts
- H. L. White**, Supt. of Sanitation and Safety,  
University of Illinois, 200 Eng. Res. Lab.
- Fred Wilson**, Chief, President of Illinois Firemen's  
Association, Inc., Macomb, Illinois
- Victor Wimmer**, Chief, Urbana Fire Department,  
West Elm Street, Urbana, Illinois

## **GENERAL INFORMATION**

### **REGISTRATION**

Registration will be conducted Sunday evening, June 9, in the lobby of the Inman Hotel, Champaign, from 7:00 to 9:00 p.m. and will continue Monday, June 10, in Latzer Hall, University Y.M.C.A. 1001 South Wright Street, Champaign, from 8:00 to 10:00 a.m.

### **FEEES - None**

### **BADGES**

All persons who register for the Fire College will be given a badge which must be worn at all sessions and will be your identification to receive an attendance prize.

### **FIRE COLLEGE TELEPHONES**

A telephone will be available at the information desk in Gregory Hall and one at the registration desk in the University Y.M.C.A., for use by those attending the Fire College, and may be used for any emergency calls.

The phone number is 333-0833 in Gregory Hall, and 333-0775 in Latzer Hall, University Y.M.C.A. No long distance calls, however, may be charged against these numbers.

### **MAIL AND TELEGRAMS**

All mail and telegrams should be sent in care of R. K. Newton, Director, Illinois Fire College, Room 116D Illini Hall, Champaign, Illinois.

### **ALL SESSIONS**

All general sessions will be held in Gregory Hall Auditorium, Room 112.

### **CLASSES**

Classes will be held in Gregory Hall, Noyes Chemistry Laboratory, Men's Old Gym, and at the Stadium on Monday and Wednesday afternoons from 1:00 to 5:00 p.m. and Wednesday and Thursday mornings from 10:00 to 12:00.

### **ATTENDANCE CARDS**

When you register, you will be given an attendance card which must be punched by the doorman at the (2) entrances to the Auditorium.

This is your record of attendance for the Fire College and if you attend (7) of the (10) sessions, you will be mailed a certificate of attendance by the Division of University Extension at the completion of the program.

## **CLASS CARDS**

When you select your class Monday and/or Wednesday, as you enter the classroom your instructor will give you a Class Record Card which also must be punched by the instructor before leaving the class. This is your record of class attendance. You are required to attend both sessions of the 6 hour classes, and 3 sessions of the 8 hour classes; and 4 sessions of the Radiation Hazards class to qualify for a University certificate.

## **PROTECTIVE CLOTHING**

Those enrolling in classes E, F, and G, are requested to bring fire fighting clothing to permit full participation in the evolutions.

## **PARKING**

There can be no parking in the area near Gregory Hall this year. A parking lot has been reserved in the area just west of the Assembly Hall on South First Street at Florida Avenue and we have chartered buses to take firemen from the lot to Gregory Hall from 8:00 to 9:00 a.m. and return them to the lot from 4:00 to 5:00 p.m. each of the 4 days of the college.

Be sure to park your car in this lot **only** while attending the 39th Fire College, June 10-13, 1963.

**NOTE: ATTENDANCE PRIZES WILL BE DRAWN PERIODICALLY THROUGHOUT THE PROGRAM.**

**DON EASTERDAY IN CHARGE.**

## **EXHIBITS**

See the latest fire equipment at the exhibits located in Latzer Hall of the University Y.M.C.A., 1001 South Wright Street, Champaign. Exhibits will be open from 8:00 a.m. to 9:00 p.m., Monday through Wednesday. (No exhibits on Thursday). These are directed by Chief Willard Koss, Savoy Volunteer Fire Department.

## **HOUSING**

For those who wish overnight accommodations, the following hotels, motels, and dormitories are available; and to assure your reservation, contact should be made with them by June 5, stating you are attending the Fire College and state time of arrival:

## HOUSING LIST

- A. Inman Hotel  
Champaign, 3524211
- B. Tilden Hall Hotel  
Champaign, 3525277
- C. Hamilton Hotel  
Champaign, 2525221
- D. Urbana Lincoln Motor Inn (Hotel)  
Urbana, 3671101
- E. Lincoln Lodge Motel  
403 West University Avenue  
Urbana, 3671111
- F. Courtesy Motel  
403 N. Vine  
Urbana, 3671171
- G. Chief Illini Motel  
Intersection, Rts. 45 and 150  
Urbana, 3678377
- H. Hotel Mercer  
½ mile East Urbana-Rt. 150  
Urbana, 3678023
- I. Motel Urbana  
5 Points Urbana  
Urbana, 3675471
- J. Paradise Inn Motel  
3½ miles South on Rt. 45  
Champaign, 3561824
- K. Palamar Dorm (Mrs. Kohler) (Bd. and Room)  
607 E. Daniel  
Champaign, 3442149
- L. Club Esquire (Roth) (Bd. and Room)  
806 South 5th  
Champaign, 3523616 and 3441186

## TRANSPORTATION

The Twin Cities of Champaign and Urbana, the home of the University of Illinois, are on Routes U.S. 45 and 150 and Illinois 10. They can be reached by the Illinois Central, Wabash Railroads or the Greyhound and Illini-Swallow Coach Bus Lines and Ozark Air Lines. The University is located midway between the two cities and can be reached by buses.

## **COOPERATING AGENCIES**

Office of the State Fire Marshal  
Illinois Firemen's Association, Inc.  
Illinois Fire Chief's Association  
Illinois Association of Fire Protection Districts  
Western Actuarial Bureau  
Illinois Inspection and Rating Bureau  
National Board of Fire Underwriters  
Champaign, Urbana, and University of Illinois  
Fire Departments  
National Fire Protection Association

## **EXHIBITORS**

A complete list of Exhibitors will be made available as part of the program at the time of the Fire College, June 10.

## **ATTENDANCE PRIZES**

A complete list of attendance prizes and donors will be made available as part of the program at the time of the Fire College, June 10.