Nineteenth Symposium on the Occupational Health and Hazards of the Fire Service

Chicago, Illinois
October 21 - 25, 2007

JOHN P. REDMOND FOUNDATION
DIVISION OF OCCUPATIONAL HEALTH, SAFETY AND MEDICINE
INTERNATIONAL ASSOCIATION OF FIRE FIGHTERS, AFL-CIO, CLC
Acknowledgments

We appreciate the contribution by the Board of Trustees of the IAFF’s John P. Redmond Foundation and the IAFF Division of Occupational Health, Safety and Medicine:

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James M. Melius, MD, DrPH, Chairman

We wish to extend our utmost appreciation and gratitude to the officers, executive board and members of the Chicago Fire Fighters, Local 2 for their assistance and participation in this symposium:

Tom Ryan, President, Chicago Fire Fighters, Local 2

The Chicago Fire Department committed considerable time and resources to ensure that this year’s symposium is not only a success, but an opportunity for all of our members to learn about the operations of the Chicago Fire Department. For this we thank all the members, officers and staff of the department, specifically:

Raymond E. Orozco, Fire Commissioner

We would also like to acknowledge our gratitude to the United States Fire Administration, Federal Emergency Management Agency, Department of Homeland Security for financial support of the symposium. The support by the fitness equipment manufacturers in providing fitness equipment is greatly appreciated. Finally, we appreciate the support offered by the fire service manufacturers through their participation at the symposium by exhibiting, sponsoring the Sunday night reception and/or placing advertisements in this program.
NINETEENTH SYMPOSIUM ON THE OCCUPATIONAL HEALTH AND HAZARDS OF THE FIRE SERVICE

CHICAGO HILTON
CHICAGO, ILLINOIS

SATURDAY, OCTOBER 20, 2007

7:30 am - 2:00 pm  FIREOPS 101
Chicago Fire Department Training Academy

SUNDAY, OCTOBER 21, 2007

9:00 am - 6:00 pm  REGISTRATION AND EXHIBITION
Northwest Exhibit Hall

9:00 am - 6:00 pm  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
Northwest Exhibit Hall

6:30 pm - 8:30 pm  IAFF AND EXHIBITORS WELCOMING RECEPTION
Grand Ballroom

MONDAY, OCTOBER 22, 2007

5:30 am - 6:00 pm  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
Northwest Exhibit Hall

6:00 am - 7:00 am  FIRE FIGHTER PHYSICAL FITNESS CLASS
Marquette Room

6:00 am - 2:00 pm  LATE REGISTRATION
Northwest Exhibit Hall

6:30 am - 7:30 am  FRIENDS OF BILL W. MEETING
Grand Tradition Room

7:30 am - 3:00 pm  IAFF EXHIBITS
Northwest Exhibit Hall

7:45 am – 2:00 pm  PLENARY SESSION
International Ballroom
MONDAY, OCTOBER 22, 2007 (CONTINUED)

7:45 am – 8:15 am SYMPOSIUM CALL TO ORDER

Richard M. Duffy
Assistant to the General President
International Association of Fire Fighters
Washington, DC

8:15 am - 10:30 am WELCOME

James Melius, MD, DrPH
Chairman
Medical Advisory Board
International Association of Fire Fighters
Washington, DC

Thomas Ryan
President
IAFF Local 2
Chicago, Illinois

Richard M. Daley
Mayor
City of Chicago
Chicago, Illinois

Raymond E. Orozco
Fire Commissioner
Chicago Fire Department
Chicago, Illinois

REDMOND TRUSTEES’ WELCOME

Thomas Miller
Chairman, Board of Trustees
John P. Redmond Foundation
IAFF 8th District Vice President

GENERAL PRESIDENT’S ADDRESS

Harold A. Schaitberger
General President
International Association of Fire Fighters
Washington, DC
MONDAY, OCTOBER 22, 2007 (CONTINUED)

KEYNOTE PRESENTATION

Colonel Mike Mullane
U.S. Astronaut
Albuquerque, New Mexico

10:30 am - 10:45 am THE IAFF & PFIZER INITIATIVE

Jeffrey B. Kindler
Chief Executive Officer and Chairman of the Board
Pfizer Inc.
New York, New York

10:45 am - 11:30 am THE IAFF’S ROLE IN ADDRESSING FIRE FIGHTER’S OCCUPATIONAL HEALTH, SAFETY AND MEDICINE

Richard M. Duffy
Assistant to the General President
International Association of Fire Fighters
Washington, DC

Patrick J. Morrison
Director
Department of Behavioral Health, Wellness & Member Support
International Association of Fire Fighters
Washington, DC

11:30 am - 11:55 am DRIFT INTO FAILURE

Robert Halton
Editor in Chief
Fire Engineering
Fair Lawn, New Jersey

11:55 am - 12:20 pm FIRE FIGHTER NEAR-MISS REPORTING SYSTEM

John Tippett
Near-Miss Program Director
IAFF Local 1664
Montgomery County, Maryland

12:20 pm - 12:45 pm WARRIOR SYSTEM: PROTECTING OUR ARMED FORCES

Colonel Mark Malatesta
Joint Program Managers (JPM) Guardian
Joint Program Executive Office for Chemical and Biological Defense
US Department of Defense
Arlington, Virginia
MONDAY, OCTOBER 22, 2007 (CONTINUED)

12:45 pm - 1:10 pm  PROJECT HEROES: PROTECTING OUR FIRST RESPONDERS

   Jeff Stull
   President
   International Personnel Protection
   Austin, Texas

1:10 pm – 1:35 pm  THE TRUTH ABOUT SMOKE DETECTORS

   Jay Fleming
   Deputy Fire Chief
   Boston Fire Department
   Boston, Massachusetts

1:35 pm - 1:50 pm  RESPONDER KNOWLEDGE BASE

   Don Hewitt
   Program Manager
   Terrorism Research Center
   Falls Church, Virginia

1:50 pm – 2:00 pm  PEER FITNESS TRAINER CERTIFICATION PROGRAM

   Scott Goudeseune
   President
   American Council on Exercise
   San Diego, California

2:30 pm - 4:00 pm  ROUNDTABLES (Informal open forum sessions that are not pre-assigned)

   Writing Winning Grants Roundtable: FireAct, SAFER and Beyond
   Continental Ballroom A

   Ask the Trainer: The PFT Roundtable
   Continental Ballroom B

   Building Codes and Construction Roundtable: Consequences to
   Fire Fighter Health and Safety
   Continental Ballroom C

4:30 pm - 5:30 pm  FIRE FIGHTER PHYSICAL FITNESS CLASS

   Marquette Room
TUESDAY, OCTOBER 23, 2007

5:30 am - 6:00 pm  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
                   Northwest Exhibit Hall

6:00 am - 7:00 am  FIRE FIGHTER PHYSICAL FITNESS CLASS
                   Marquette Room

6:30 am - 7:30 am  FRIENDS OF BILL W. MEETING
                   Grand Tradition Room

7:30 am - 3:00 pm  IAFF EXHIBITS
                   Northwest Exhibit Hall

7:45 am - 10:00 am PLENARY SESSION
                   International Ballroom

7:45 am - 8:00 am  INTRODUCTIONS

James Melius, MD, DrPH
Chairman
Medical Advisory Board
International Association of Fire Fighters
Washington, DC

8:00 am - 9:50 am  CURRENT FIRE FIGHTER OCCUPATIONAL MEDICINE ISSUES

Moderator
Melissa McDiarmid, MD, MPH
Professor of Medicine, Director of the Occupational Health Project
University of Maryland
Baltimore, Maryland

Fire Fighters and Deaths from Heart Disease
Franklin Pratt, MD
Medical Director
Los Angeles County Fire Department
Los Angeles, California

Preventing Fire Fighter Fatalities Due to Sudden Cardiovascular Events
Thomas Hales, MD
Senior Medical Epidemiologist, DSCHEFS
National Institute for Occupational Safety and Health
Cincinnati, Ohio
TUESDAY, OCTOBER 23, 2007 (CONTINUED)

Health Consequences from the World Trade Center
David Prezant, MD
Chief Medical Officer, OMA EMS
Fire Department, City of New York
New York, New York

Diesel Exhaust Induced Rhinitis in Fire Fighters
Gregory Bussell, MD
Richter Foundation
Elmhurst, Illinois

9:50 am - 10:00 am SPECIAL RECOGNITION

Augustine L. Nieto, II
Augie’s Quest
Chicago, Illinois

10:00 am - 10:30 am COFFEE BREAK
Northwest Exhibit Hall

10:30 am - 12:00 noon WORKSHOPS A-1 (Attend as scheduled on name badge)

I Am Alive: New IAFF Wellness Initiatives
Continental Ballroom A

The IAFF Behavioral Health Program: Best Practices
Continental Ballroom B

The New CPAT: Orientation, Mentoring and Practice
Waldorf Room

Rehabilitation through Functional Fitness Assessments
Boulevard Room

New Visions for the Future of the Fire Service:
Helping Fire Departments Assess and Respond to Risks
Williford Rooms

Protect Your Members: Navigating Presumptive Disability Laws
Continental Ballroom C

12:00 noon - 12:30 pm COFFEE BREAK
Northwest Exhibit Hall
TUESDAY, OCTOBER 23, 2007 (CONTINUED)

12:30 pm - 2:00 pm WORKSHOPS A-2 (Attend as scheduled on name badge)

  I Am Alive: New IAFF Wellness Initiatives
    Continental Ballroom A

  The IAFF Behavioral Health Program: Best Practices
    Continental Ballroom B

  The New CPAT: Orientation, Mentoring and Practice
    Waldorf Room

  Rehabilitation through Functional Fitness Assessments
    Boulevard Room

  New Visions for the Future of the Fire Service:
  Helping Fire Departments Assess and Respond to Risks
    Williford Rooms

  Protect Your Members: Navigating Presumptive Disability Laws
    Continental Ballroom C

2:30 pm - 4:00 pm ROUNDTABLES (Informal open forum sessions that are not pre-assigned)

  Writing Winning Grants: FireAct, SAFER and Beyond
    Continental Ballroom A

  Ask the Doc: The Physician Roundtable
    Continental Ballroom B

  Fire Apparatus Design & Safety Roundtable Beyond the IAFF Initiative
    Continental Ballroom C

4:30 pm - 5:30 pm FIRE FIGHTER PHYSICAL FITNESS CLASS
    Marquette Room

WEDNESDAY, OCTOBER 24, 2007

5:30 am – 6:00 pm IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
    Northwest Exhibit Hall

6:00 am - 7:00 am FIRE FIGHTER PHYSICAL FITNESS CLASS
    Marquette Room

6:30 am - 7:30 am FRIENDS OF BILL W. MEETING
    Grand Tradition Room
WEDNESDAY, OCTOBER 24, 2007 (CONTINUED)

7:45 am - 9:30 am  WORKSHOPS B 1 (Attend as scheduled on name badge)

- Fire Apparatus and Roadway Operations Safety  Boulevard Room
- Operating Safely: Personal Protective Technology  Continental Ballroom C
- Leadership for Safety  Williford Room
- Fire Service Communications  Continental Ballroom B
- Fire Fighters Self-Survival: Preparing Before the Alarm  Continental Ballroom A
- Health, Safety and Medical: Data Collection and Cancer Registry  Waldorf Room

9:30 am  10:00 am  COFFEE BREAK  Grand Ballroom

10:00 am  11:30 am  WORKSHOPS B2 (Attend as scheduled on name badge)

- Fire Apparatus and Roadway Operations Safety  Boulevard Room
- Operating Safely: Personal Protective Technology  Continental Ballroom C
- Leadership for Safety  Williford Room
- Fire Service Communications  Continental Ballroom B
- Fire Fighters Self-Survival: Preparing Before the Alarm  Continental Ballroom A
- Health, Safety and Medical: Data Collection and Cancer Registry  Waldorf Room

11:30 am  12:00 noon  COFFEE BREAK  Grand Ballroom
WEDNESDAY, OCTOBER 24, 2007 (CONTINUED)

12:00 noon  1:30 pm  PLENARY SESSION
                       International Ballroom

INTRODUCTIONS

James Melius, MD, DrPH
Chair, Medical Advisory Board
International Association of Fire Fighters
Washington, DC

CURRENT FIRE FIGHTER OPERATIONS ISSUES

First Response: Burn Injury Assessment and Treatment

Michael Peck, MD
Chair, Medical Advisory Board
IAFF Burn Foundation
Washington, DC

Fire Ground Rehabilitation

Sandra Bogucki, MD, PhD
Senior Medical Advisor
US Department of Health & Human Services
Washington, DC

Fire Ground Exposures: Cyanide and Carbon Monoxide

Michael McEvoy, PhD
EMS Coordinator
Saratoga County, New York

Fire Fighter Cancer Risk

James Lockey, MD
Department of Environmental Health
University of Cincinnati College of Medicine
Cincinnati, Ohio

The NIOSH National Personal Protective Technology Laboratory

Les Boord
Laboratory Director
National Personal Protective Technology Laboratory (NPPTL)
National Institute for Occupational Safety and Health
Pittsburgh, Pennsylvania
WEDNESDAY, OCTOBER 24, 2007 (CONTINUED)

2:30 pm - 4:00 pm ROUNDTABLES (Informal open forum sessions that are not pre-assigned)

Building Codes and Construction Roundtable: Consequences to Fire Fighter Health and Safety
Continental Ballroom A

Ask the Trainer: The PFT Roundtable
Continental Ballroom B

Fire Apparatus Design and Safety Roundtable:
Beyond the IAFF Initiative
Continental Ballroom C

4:30 pm - 5:30 pm FIRE FIGHTER PHYSICAL FITNESS CLASS
Marquette Room

THURSDAY, OCTOBER 25, 2007

6:00 am - 7:00 am FIRE FIGHTER PHYSICAL FITNESS CLASS
Marquette Room

6:30 am - 7:30 am FRIENDS OF BILL W. MEETING
Grand Tradition Room

7:45 am - 2:00 pm PLENARY SESSION
International Ballroom

INTRODUCTIONS

Richard M. Duffy
Assistant to the General President
International Association of Fire Fighters
Washington, DC

8:00 am – 9:00 am CONTRIBUTING FACTORS TO FIRE FIGHTER LINE-OF-DUTY DEATHS: A SIX-YEAR ANALYSIS

Lori Moore-Merrell, DrPH
Assistant to the General President
International Association of Fire Fighters
Washington, DC

THE NIOSH FIRE FIGHTER FATALITY INVESTIGATION PROGRAM

John Howard, MD
Director
National Institute for Occupational Safety and Health
Washington, DC
THURSDAY, OCTOBER 25, 2007 (CONTINUED)

9:00 am - 1:30 am    LINE-OF-DUTY DEATH AND INJURY INVESTIGATIONS

ROOF/FLOOR COLLAPSE FATALITIES

New York, New York August 27, 2006
In Memory of Fire Fighter Michael Reilly and Lieutenant Howard Carpluk

Philip Gaetani
Battalion Chief, Safety Division
Fire Department, City of New York
New York City, New York

Brian Lanci
Battalion Chief, Battalion 42
Fire Department, City of New York
New York City, New York

ROOF COLLAPSE & SMOKE INHALATION FATALITIES

Charleston, South Carolina June 18, 2007
In Memory of Fire Fighter James “Earl” Drayton, Captain Theodore M. Benke, Engineer Rodney Bradford Baity, Captain William Hutchinson; Captain Louis Mulkey; Engineer Mark Kelsey; Assistant Engineer Michael French; Fire Fighter Melven Champaign; and Fire Fighter Brandon Thompson.

Roger L. Yow
President
IAFF Local 61
Charleston, South Carolina

BURN FATALITIES

Esperanza, California, October 26, 2006
In Memory of Captain Mark Loutzenhiser & Firefighter Jess McLean, Firefighter Jason McKay, Firefighter Daniel Hoover-Najera and Firefighter Pablo Cerda

Paul VanGerwen
Captain
California Department of Forestry and Fire Prevention
Sacramento, California

Winnipeg, Manitoba February 4, 2007
In Memory of Captain Thomas Nichols and Captain Harold Lessard

Russell W. Morrow
Captain
Winnipeg Fire Department
Winnipeg, Manitoba
THURSDAY, OCTOBER 25, 2007 (CONTINUED)

Contra Costa County, California July 21, 2007
In Memory of Captain Matthew C. Burton and Engineer Scott P. Desmond

Ray Iverson
Fire Inspector
Contra Costa County Fire Protection District
Contra Costa County, California

SMOKE INHALATION FATALITIES

New York, New York August 18, 2007
In Memory of Fire Fighter Robert Beddia and Fire Fighter Joseph Graffagnino

James Slevin
Vice President, Legislative Chairman
Uniformed Firefighters Association, IAFF Local 94
New York City, New York

SMOKE INHALATION & BURN FATALITIES

Boston, Massachusetts August 29, 2007
In Memory of Fire Fighter Paul Cahill and Fire Fighter Warren Payne

Edward Kelly
President
Boston Fire Fighters, IAFF Local 718
Boston, Massachusetts

TRAINING FATALITY

Baltimore, Maryland, February 9, 2007
In Memory of Fire Fighter/Paramedic Apprentice Racheal Wilson

Stephan G. Fugate
President
Baltimore City Fire Officers, IAFF Local 964
Baltimore, Maryland

Richard Schluderberg
President
Baltimore City Firefighters, IAFF Local 734
Baltimore, Maryland

1:30 pm - 2:00 pm CLOSING FORUM

Harold A. Schaitberger
General President
International Association of Fire Fighters
Washington, DC

2:00 pm SYMPOSIUM ADJOURNMENT
PLEASE JOIN THE FOLLOWING SUPPORTERS OF IAFF PROGRAMS FOR HOSPITALITY AND AN OPPORTUNITY TO MAKE MANUFACTURER CONTACT AND VIEW THEIR PRODUCTS. ALL COFFEE BREAKS WILL BE HELD IN THE EXHIBITION AREA IN THE NORTHWEST EXHIBIT HALL

EXHIBITORS & SPONSORS

Dey, L.P. (airway and allergy medications)
DNA Total Profile, Inc. (DNA profiling and biometrics)
Draeger Safety, Inc. (protective clothing and equipment)
Fire Fighters Cancer Support Network
Globe Manufacturing Company (protective clothing)
IAFF Burn Foundation
IAFF Financial Corporation
IAFF FIREPAC
IAFF Store
IAFF/IAFC WFI
International Fire Service Training Association (training and education)
International Code Council (building codes)
Lafayette Instrument Company (fitness testing equipment)
LifeFitness (fitness equipment)
Lion Apparel (protective clothing ensembles and station uniforms)
Masimo, Inc. (monitoring technologies)
Mine Safety Appliances Company (SCBA and helmets)
Morning Pride/Total Fire Group (protective clothing ensemble)
Muscular Dystrophy Association
National Fire Fighter Near-Miss Reporting System
National Fire Protection Association (fire service standards and codes)
National Institute for Occupational Safety and Health
Nautilus (fitness equipment)
Octane Fitness (fitness equipment)
PBI Performance Products, Inc. (protective textiles)
Plymovent (diesel exhaust systems)
Precor (fitness equipment)
Public Safety Medical Services (firefighter medical and fitness)
Safety Components Fabric Technologies, Inc. (protective textiles)
Scott Health and Safety (SCBA)
Southern Mills (protective textiles)
Sperian Fire (protective clothing and equipment)
Standard of Cover / Accreditation
Terrorism Research Center, Inc.
United Healthcare (health care)
Volpentest HAMMER Training & Education Center (HazMat training)
W.L. Gore & Associates (moisture and protective barriers)
Zimek Technologies (room and vehicle sterilizing systems)
WORKSHOPS “A”

I Am Alive: New IAFF Wellness Initiatives

Learn about two new IAFF programs designed to improve fire fighter wellness. Updates addressing the 3rd Edition IAFF/IAFC Fire Service Joint-Labor Management Wellness-Fitness Initiative including new “I AM Alive” video presentations and sections on cost justification and implementation.

MODERATOR

George Cruz
Captain
IAFF Local 1014
Los Angeles County Fire Department
Los Angeles, California

PANEL

Kurt Becker
IAFF Local 2665
Professional Fire Fighters of Eastern Missouri
St. Louis County, Missouri

Kerry Kuehl, MD
Associate Professor of Medicine
Oregon Health and Science University
Portland, Oregon
Behavioral Health: Best Practices

Explores why the traditional Critical Incident Stress Management model fails to prepare fire departments for managing behavioral health issues? This workshop focuses on lessons learned from major incidents, including 9/11, Katrina/Rita/Wilma and Charleston, SC. It will also offer tools for handling day-to-day behavioral health issues.

MODERATOR

William Ostiguy
EAP Director
IAFF Local 718, Boston Fire Department
Boston, Massachusetts

PANEL

Danny Adams
First Responder Coordinator
Louisiana Spirit Hurricane Recovery
Baton Rouge, Louisiana

Frank Leto
Counseling Service Unit
IAFF Local 854, Fire Department, City of New York
New York, New York

Ron Tapscott
EAP Director
IAFF Local 493, Phoenix Fire Department
Phoenix, Arizona
WORKSHOPS “A”

The New CPAT: Orientation, Mentoring and Practice

Updates addressing the 2nd Edition Candidate Physical Ability Test (CPAT) including the new EEOC requirements for all license holders. Best practice mentoring programs show how to reduce adverse impact for your department. Also, the new CPAT system data collection and administration software requirements will be reviewed.

MODERATOR

Bartholomew Siciliano
Health and Safety Assistant
International Association of Fire Fighters
Washington, DC

PANEL

Jill Craig
Wellness Director
IAFF Local 975, Austin Fire Department
Austin, Texas

Michael Cacciola
Captain, Fire Academy
Fitness Program Director
Local 854 Fire Department, New York
New York, NY

Susan Shepherd
IAFF Peer Fitness Instructor
IAFF Local 416, Indianapolis Fire Department
Indianapolis, Indiana
Rehabilitation Through Functional Fitness Assessments

Injuries cost the fire service billions of dollars annually. Learn about the various tools that can be used to ensure the proper level of rehabilitation and training, and as a screening assessment to return to work.

**MODERATOR**

Ian Crosby  
Wellness Director  
IAFF Local 255, Calgary Fire Department  
Calgary, Alberta

**PANEL**

Orlando Gomez  
IAFF Local 43, Portland Fire Department  
Portland, Oregon

Jamie Yakemchuk  
Health and Wellness Coordinator  
Edmonton Fire Rescue Services  
Edmonton, Alberta
New Visions for the Future of the Fire Service:
Helping Fire Departments Assess and Respond to Risks

Learn how to develop tools to help local fire departments better assess the risks in their local communities, plan to respond to them more effectively and efficiently, and measure their effectiveness and safety in responding to and handling fire service events.

MODERATOR

Lori Moore-Merrell, DrPH
Assistant to the General President
International Association of Fire Fighters
Washington, DC

PANEL

Thomas J. Wieczorek
Executive Director
Center for Public Safety Excellence
Chantilly, Virginia

Jonathan Moore
Director
Fire & EMS Operations/GIS
International Association of Fire Fighters
Washington, DC
Protect Your Members: Navigating Presumptive Disability Laws

Scientific evidence has demonstrated that fire fighters and emergency medical responders have an increased risk for heart disease, lung disease, certain cancers, and infectious diseases. Presumptive disability laws address worker’s compensation and retirement disability benefits including presumptive legislation. This workshop provides the resources to navigate these laws in order to best represent your members.

MODERATOR

Kevin Rader
Director
Department of Education
International Association of Fire Fighters
Washington, DC

PANEL

Alex Forrest
President
IAFF Local 867
Winnipeg, Manitoba

Larry Petrick
Director of Health, Safety and EMS
Ohio Association of Professional Fire Fighters
Columbus, Ohio

Keven E. Rojecki
Legislative Liaison
Washington State Council of Fire Fighters
Olympia, Washington
WORKSHOPS “B”

Fire Apparatus and Roadway Operations Safety

The prevention of injuries and deaths from vehicle-related incidents is completely within our control, and we must aggressively seek to eliminate these hazards immediately. In this workshop you will hear about outreach programs from the IAFF on Emergency Vehicle Safety Initiatives designed to stop the second-leading cause of fire fighter fatalities.

MODERATOR

Michael Wieder, VFPS, MIFireE
Assistant Director & Managing Editor
Fire Protection Publications (IFSTA)
Stillwater, Oklahoma

PANEL

Ralph Craven
Apparatus Investigation Expert
Reno, Nevada

Nadine Levick, MD MPH
Chief Executive Officer
Objective Safety
New York, New York

Kevin Roche
Assistant Fire Marshal
Phoenix Fire Department
Phoenix, Arizona

Michael Wilbur
Emergency Vehicle Response
Lieutenant, Ladder 27
Fire Department, City of New York
New York, New York
WORKSHOPS “B”

Operating Safely: Personnel Protective Technology

An examination of current developments and issues surrounding fire fighter’s protective clothing and equipment for all mission areas (structural/proximity fire fighting, emergency medical services, hazardous materials operations, CBRN response, technical rescue, and water operations), including new research, product demonstrations, and purchasing strategies and care/maintenance approaches to obtain the best gear for your members.

MODERATOR

Bruce Teele
Senior Health and Safety Specialist
NFPA
Quincy, Massachusetts

PANEL

William Haskell
NIOSH
National Personal Protective Technology Laboratory
Pittsburgh, Pennsylvania

Glenn Jirka
Deputy Chief of Operations
Miami Township Division of Fire/EMS
Miamisburg, Ohio

Angie Shepherd
NIOSH
National Personal Protective Technology Laboratory
Pittsburgh, Pennsylvania

Jeff Stull
President
International Personnel Protection
Austin, Texas
Leadership for Safety

Year after year statistics remain unchanged; approximately 100 fire fighter line-of-duty deaths and more than 80,000 injuries occur. This workshop will focus on defining strategies fire fighters can employ to ensure their own safety — in the fire station, en route to/from, and at emergencies — as well as instructional approaches for reducing fire fighter deaths and injuries.

MODERATOR

Nick Del Re
IAFF Local 854
Fire Department, City of New York
New York, New York

PANEL

Richard Blohm
IAFF Local 1076
Hoboken Fire Department
Hoboken, New Jersey

Adam Thiel
Fire Chief
Alexandria Fire Department
Alexandria, Virginia
WORKSHOPS “B”

Fire Service Communications

Mayday — Mayday — Mayday. Fire service communication systems are in distress, but is anyone listening? Insanity is defined by doing the same thing over and over again, expecting different results. Find out why communication system failures continue to contribute to line-of-duty deaths and why we must not focus entirely on “inter-operability” at the expense of “intra-operability”.

MODERATOR

Tim Hill
President
Professional Fire Fighters of Arizona
Phoenix, Arizona

PANEL

John Freeburger
Master Fire Fighter
IAFF Local 1664, Montgomery County Fire and Rescue
Montgomery County, Maryland

Michael Worrell
Battalion Chief
IAFF Local 493, Phoenix Fire Department
Phoenix, Arizona

Billy Freeman
Secretary-Treasurer
IAFF Local 1784
Memphis, Tennessee
Fire Fighter Self-Survival: Preparing Before the Alarm

This new training program is currently being developed by the IAFF and will provide tools for training fire fighters to perform potentially life-saving actions if they become lost, disoriented, injured, low on air, or trapped.

MODERATOR

Derek Alkonis
Captain
IAFF Local 1014, Los Angeles County Fire Department
Los Angeles, California

PANEL

Jeffrey Cool
Fire Fighter
IAFF Local 94, Fire Department, City of New York
New York, New York

Jim Mason
Lieutenant
IAFF Local 2, Chicago Fire Department
Chicago, Illinois

Geoff Boisseau
Acting Captain
IAFF Local 3888, Toronto Fire Services
Toronto, Ontario
Health, Safety and Medical: Data Collection and Cancer Registry

This workshop will discuss the WFI Database to track fire fighters with heart disease, lung disease, infectious disease and cancer to support preventative programs, including the WFI and fire fighter occupational illness benefits.

MODERATOR

Melissa McDiarmid, MD, MPH  
Professor of Medicine, Director of the Occupational Health Project  
University of Maryland  
Baltimore, Maryland

PANEL

Carrie Dorsey, MD  
IAFF Presumption Registry Project Manager  
University of Maryland  
Baltimore, Maryland

Donald Stewart, MD  
Chair, IAFF Data Collection Technical Committee  
Fairfax County Fire and Rescue Department  
Fairfax County, Virginia

Katie Rusk, MS, PA-C  
Medical Coordinator  
San Diego Firefighters Regional Wellness Program  
San Diego, California
WRITING WINNING GRANTS ROUNDTABLE:
FIREACT, SAFER AND BEYOND

Monday, October 22, 2007
Tuesday, October 23, 2007
2:30 - 4:00 pm (Continental Ballroom A)

Grant funds are available to help fire departments pay for safety and health equipment and programs, apparatus, staffing and training. Learn the fundamentals of how to apply for a grant.

ROUNDTABLE FACILITATORS

Jennifer Fortier Stewart
Director, Grants Administration
International Association of Fire Fighters
Washington, DC

Vikki Hanson
Regional Fire Program Specialist
Assistance to Firefighters Grant Program
Chicago, Illinois

Ellen D. Sogolow, PhD
Research Specialist
Assistance to Firefighters Grants
U.S. Department of Homeland Security
Washington, DC
ASK THE DOC: THE PHYSICIAN ROUNDTABLE

Tuesday, October 23, 2007
2:30 - 4:00 pm (Continental Ballroom B)

An open roundtable discussion on the medical needs and physician involvement in fire department occupational health and medical programs. This is an opportunity to further address issues addressed by physicians presenting during this symposium.

ROUNDTABLE FACILITATORS

James Melius, MD, DrPH
Chairman
IAFF Board of Medical Advisors
John P. Redmond Foundation
Washington, DC

Michael Ardaiz, MD
IAFF Resident Physician
International Association of Fire Fighters
Washington, DC

Sandra Bogucki, MD, PhD
Senior Medical Advisor
US Department of Health & Human Services
Washington, DC

Carrie Dorsey, MD
IAFF Presumption Registry Project Manager
University of Maryland
Baltimore, Maryland

Thomas Hales, MD
Senior Medical Epidemiologist, DSCHFES
National Institute for Occupational Safety and Health
Cincinnati, Ohio

Melissa McDiarmid, MD
Professor of Medicine
University of Maryland
Baltimore, Maryland

Steven Moffatt, MD
Medical Director
Public Safety Medical Services
Indianapolis, Indiana

Franklin Pratt, MD
Medical Director
Los Angeles County Fire Department
Los Angeles, California

David Prezant, MD
Chief Medical Officer, OMA EMS
Fire Department, City of New York
New York, New York

Don Stewart, MD
Medical Director
Public Safety Occupational Health Center
Fairfax County, Virginia

Darren Topham, MD
Wellness Center Physician
Calgary Fire Department
Calgary, Alberta
You heard the program; the roundtable will provide a further opportunity to get answers to your questions from the experts on apparatus specifications and procurement, standards development, accident investigations and components of the IAFF and USFA programs.

ROUNDTABLE FACILITATORS

Ralph Craven
Apparatus Investigation Expert
Reno, Nevada

Nadine Levick, MD, MPH
Chief Executive Officer
Objective Safety
New York, NY

Kevin Roche
Assistant Fire Marshal
Phoenix Fire Department
Phoenix, Arizona

Michael Wieder, VFPA, MIFireE
Assistant Director & Managing Editor
Fire Protection Publications (IFSTA)
Stillwater, Oklahoma

Michael Wilbur
Emergency Vehicle Response
Lieutenant, Ladder 27
Fire Department, City of New York
New York, New York
ASK THE TRAINER: THE PFT ROUNDTABLE

Monday, October 22, 2007
Wednesday, October 24, 2007
2:30 - 4:00 pm (Continental Ballroom B)

The IAFF has now certified over 4,000 Peer Fitness Trainers. This open roundtable provides the opportunity to network and discuss successful strategies for fire department fitness and wellness programs.

ROUNDTABLE FACILITATORS

Jason Atkin
Wellness Assistant
International Association of Fire Fighters
Washington, DC

Derek Alkonis
IAFF Peer Fitness Instructor
Local 1014, LA County Fire Department
Los Angeles, California

George Cruz
IAFF Peer Fitness Instructor
IAFF Local 1014 LA County Fire Department
Los Angeles County, California

Andy Arredondo
IAFF Peer Fitness Instructor
IAFF Local 493, Phoenix Fire Department
Phoenix, Arizona

Orlando Gomez
IAFF Peer Fitness Instructor
IAFF Local 43, Portland Fire Department
Portland, Oregon

Michael Cacciola
IAFF Peer Fitness Instructor
IAFF Local 854, Fire Department, City of New York
New York, New York

Thomas Grimshaw
IAFF Peer Fitness Instructor
IAFF Local 94, Fire Department, New York
New York, New York

Jill Craig
IAFF Peer Fitness Instructor
IAFF Local 975, Austin Fire Department
Austin, Texas

Darrell Mendenhall
IAFF Peer Fitness Instructor
IAFF Local 416, Indianapolis Fire Department
Indianapolis, Indiana

Ian Crosby
IAFF Peer Fitness Instructor
IAFF Local 255, Calgary Fire Department
Calgary, Alberta

Susan Shepherd
IAFF Peer Fitness Instructor
IAFF Local 416, Indianapolis Fire Department
Indianapolis, Indiana
BUILDING CODES AND CONSTRUCTION ROUNDTABLE: CONSEQUENCES TO FIRE FIGHTER HEALTH AND SAFETY

Monday, October 22, 2007
2:30 - 4:00 pm (Continental Ballroom C)

Wednesday, October 24, 2007
2:30 - 4:00 pm (Continental Ballroom A)

Fire Fighters and the Building / Fire Codes. How does it effect your work environment and why should you care. Discussion will focus on why this leads to an increased risk for the fire fighter as they enter a structure fire and how can we impact these changes.

ROUNDTABLE FACILITATORS

Sean DeCrane
Secretary
IAFF Local 93
Cleveland, Ohio

Bill Walsh
National Coordinator
Healthy Building Network
Washington, DC

Randy Wolsey
Fire Chief
Edmonton Fire Rescue Services
Edmonton, Alberta
The IAFF Office is located in the Public Dining Room 2 (PDR 2) in the Hilton Chicago. Anyone needing assistance or if there is a need to change workshops please see IAFF staff in these offices. Meetings of Friends of Bill W. will be held Monday - Thursday 6:30 am in the Grand Tradition Room. This room is available for other Twelve Step programs during the Symposium through scheduling in the IAFF Office. The IAFF Gym and fitness programs will be held in the Continental Ballrooms B & C. The Exhibits will be held in the NorthWest Exhibit Hall. Coffee breaks will be held in the NorthWest Exhibit Hall. Registration and Cyber Cafe will be held in the NorthWest Exhibit Hall. The Exhibits will be held in the Continental Ballrooms B & C. The Exhibits will be held in the NorthWest Exhibit Hall.