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

San Francisco, California
October 5 - 9, 2003

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 Department of Occupational Health and Safety:

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We wish to extend our utmost appreciation and gratitude to the officers, executive board and members of the San Francisco Fire Fighters, IAFF Local 798 for their assistance and participation in this symposium:

John Hanley, President, IAFF Local 798

The San Francisco 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 San Francisco Fire Department. For this we thank all the members, officers and staff of the department, specifically:

Mario Trevino, Fire Chief

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, especially LifeFitness, Precor and Stairmaster, is greatly appreciated. Finally, we appreciate the support offered by the fire service manufacturers through their participation at the symposium by conducting hospitality suites and/or placing advertisements in this program.

Harold A. Schaitberger  
General President

Vincent J. Bollon  
General Secretary-Treasurer
SEVENTEENTH SYMPOSIUM ON THE OCCUPATIONAL HEALTH AND HAZARDS OF THE FIRE SERVICE
SAN FRANCISCO HILTON AND TOWERS
SAN FRANCISCO, CALIFORNIA

SUNDAY, OCTOBER 5, 2003

9:00 am - 6:00 pm  REGISTRATION AND IAFF EXHIBITS
                    Yosemite Room

9:00 am - 5:00 pm  FITNESS ASSESSMENTS
                    Executive Board Room

9:00 am - 6:00 pm  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
                    Franciscan Room

6:30 pm - 9:30 pm  WELCOMING RECEPTION
                    Continental Ballroom

MONDAY, OCTOBER 6, 2003

5:30 am - 7:30 am  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
                    Franciscan Rooms

6:00 am - 7:00 am  BODY BUILDING WORKSHOP WITH BILL PEARL
                    Franciscan Rooms

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

6:00 am - 2:00 pm  LATE REGISTRATION AND IAFF EXHIBITS
                    Yosemite Room

6:30 am - 7:30 am  FRIENDS OF BILL W. MEETING
                    Union Square Room 17/18

7:30 am - 6:00 pm  FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS
                    Executive Board Room

7:45 am - 8:15 am  PLENARY SESSION
                    Grand Ballroom

SYMPOSIUM CALL TO ORDER

Richard M. Duffy
Assistant to the General President
International Association of Fire Fighters
Washington, DC
MONDAY, OCTOBER 6, 2003 (continued)

8:15 am - 9:30 am

WELCOME

Father Thomas Mulcrone
Chaplain
International Association of Fire Fighters
Washington, DC

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

John Hanley
President
San Francisco Fire Fighters, IAFF Local 798
San Francisco, California

Mario Trevino
Fire Chief
San Francisco Fire Department
San Francisco, California

Willie L. Brown, Jr.
Mayor
San Francisco, California

REDMOND TRUSTEES’ WELCOME

Dominick F. Barbera
Chairman, Board of Trustees
John P. Redmond Foundation
IAFF 12th District Vice President

GENERAL SECRETARY-TREASURER’S REMARKS

Vincent J. Bollon
General Secretary-Treasurer
International Association of Fire Fighters
Washington, DC

GENERAL PRESIDENT’S ADDRESS

Harold A. Schaitberger
General President
International Association of Fire Fighters
Washington, DC
MONDAY, OCTOBER 6, 2003 (continued)

9:30 am - 10:30 pm KEYNOTE PRESENTATION: THE NATIONAL TECHNOLOGY PLAN FOR EMERGENCY RESPONSE TO CATASTROPHIC TERRORISM

General Dennis J. Reimer
Director
National Memorial Institute for the Prevention of Terrorism
Oklahoma City, Oklahoma

Donald O. Hewitt
Program Manager
Terrorism Research Center
Burke, Virginia

10:30 am - 11:00 am COFFEE BREAK
Yosemite Room

11:00 am - 12:00 noon 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

Pat Morrison
Director
Department of Occupational Health and Safety
International Association of Fire Fighters
Washington, DC

12:00 noon - 12:20 pm THE IAFF’S FRONTLINE POLICY

Kurt Rumsfeld, Esq.
Legal Counsel
International Association of Fire Fighters
Washington, DC

12:20 pm - 2:00 pm NEW ISSUES AND CHALLENGES TO THE FIRE FIGHTER AND EMERGENCY MEDICAL PERSONNEL

Fire Fighter Medical Standards, NFPA 1582

M. Sandy Bogucki, MD, PhD
Medical Director
New Haven Fire Department & Connecticut Fire Academy
New Haven, Connecticut
MONDAY, OCTOBER 6, 2003 (continued)

Health Effects of 9-11

**Philip Landrigan, MD**  
*Chairman, Department of Community & Preventive Medicine*  
*Mt. Sinai School of Medicine*  
*New York, New York*

**Steve Levin, MD**  
*Director*  
*Mt. Sinai School of Medicine*  
*New York, New York*

**David Prezant, MD**  
*Deputy Chief Medical Officer*  
*Fire Department, City of New York*  
*Brooklyn, New York*

2:00 pm - 6:00 pm  
**IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT**  
*Yosemite Room*

4:00 pm - 5:00 pm  
**FIRE FIGHTER PHYSICAL FITNESS CLASS**  
*Plaza Room A*
MONDAY, OCTOBER 6, 2003 (continued)

5:00 pm - 8:00 pm MANUFACTURERS’ HOSPITALITY EVENT
Continental Ballroom

Bacou-Dalloz (protective clothing and equipment)
Celanese PBI Group (protective textiles)
Draeger Safety, Inc. (protective clothing and equipment)
DuPont (protective textiles)
Globe Manufacturing Company (protective clothing)
Interspiro (SCBA)
LifeFitness (fitness equipment)
Lion Apparel (protective clothing ensembles and station uniforms)
Morning Pride/Total Fire Group (protective clothing ensemble)
MSA (SCBA and helmets)
Muscular Dystrophy Association
MWG Apparel Corporation (protective clothing)
National Technology Transfer Center
Plymovent (diesel exhaust systems)
Precor (fitness equipment)
Public Safety Medical Services
Safety Components Fabric Technologies, Inc. (protective textiles)
Scott Health and Safety (SCBA)
Southern Mills (protective textiles)
StairMaster (fitness equipment)
W.L. Gore & Associates (moisture and protective barriers)

PLEASE JOIN THE ABOVE SUPPORTERS OF IAFF PROGRAMS FOR HOSPITALITY AND AN OPPORTUNITY TO MAKE MANUFACTURER CONTACT AND VIEW THEIR PRODUCTS.
TUESDAY, OCTOBER 7, 2003

5:30 am - 7:30 am  
IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT  
Franciscan Rooms

6:00 am - 7:00 am  
BODY BUILDING WORKSHOP WITH BILL PEARL  
Franciscan Rooms

6:30 am - 7:30 am  
FRIENDS OF BILL W. MEETING  
Union Plaza Room 17 & 18

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

7:30 am - 2:00 pm  
IAFF Exhibits  
Yosemite Room

7:30 am - 6:00 pm  
FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS  
Executive Board Room

7:45 am - 8:00 am  
PLENARY SESSION  
Grand Ballroom

OPENING REMARKS

Richard M. Duffy  
Assistant to the General President  
Occupational Health, Safety and Medicine  
International Association of Fire Fighters  
Washington, DC

INTRODUCTIONS

James M. Melius, MD, DrPH  
Chairman, Board of Medical Advisors  
John P. Redmond Foundation  
International Association of Fire Fighters  
Washington, DC

8:00 am - 10:00 am  
CURRENT FIRE FIGHTER OCCUPATIONAL MEDICINE ISSUES

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

BioMechanics: Functional Movement Screening  
Gray Cook, MSPT, OCS, CSCS  
Director of Orthopedic and Sports Physical Therapy  
Pruitt, Cook & Associates  
Danville, Virginia
New Issues in Exercise Pulmonary Function Testing  
**Robert Cohen, MD**  
Senior Attending Physician  
*John H. Stoger, Jr. Hospital of Cook County*  
*Chicago, Illinois*

SARS and the Fire Service -- The Toronto Experience  
**John Lane**  
*District Chief, EMS Division*  
*Toronto Fire Department*  
*Toronto, Ontario*

The ABCs of Hepatitis  
**John Piacentino, MD**  
Chief Physician  
*Corporate Occupational Health Solutions*  
*Gaithersburg, Maryland*

Approaches for Fire Fighter Rehabilitation  
**Tom M. McLellan, PhD**  
Defence Scientist  
*Operational Medicine Section*  
*Defence R&D Canada (DRDC)*  
*Toronto, Ontario*

10:00 am - 10:30 am  
**COFFEE BREAK**  
*Yosemite Room*

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

- The Economics of Wellness-Fitness and Candidate Physical Ability Test  
  *Continental Ballroom 4*

- New Fire Service Medical Standards  
  *Continental Ballroom 5*

- Infectious Disease Issues in the Fire Service  
  *Continental Ballroom 6*

- Fire Fighter Fatality Investigations  
  *Imperial Ballroom A*

- Coping with Stress and Trauma  
  *Continental Ballroom 7,8,9*

- Safe Staffing for Fire Departments  
  *Imperial Ballroom B*
TUESDAY, OCTOBER 7, 2003 (continued)

12:00 noon - 12:30 pm
COFFEE BREAK
Yosemite Room

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

The Economics of Wellness-Fitness and Candidate Physical Ability Test
Continental Ballroom 4

New Fire Service Medical Standards
Continental Ballroom 5

Infectious Disease Issues in the Fire Service
Continental Ballroom 6

Fire Fighter Fatality Investigations
Imperial Ballroom A

Coping with Stress and Trauma
Continental Ballroom 7,8,9

Safe Staffing for Fire Departments
Imperial Ballroom B

2:30 pm - 6:00 pm
IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
Franciscan Rooms

2:30 pm - 4:30 pm
NIOSH/PHYSICIAN ROUNDTABLE MEETING
Plaza Room B

4:00 pm - 5:00 pm
FIRE FIGHTER PHYSICAL FITNESS CLASS
Plaza Room A
TUESDAY, OCTOBER 7, 2003 (continued)

5:00 pm - 8:00 pm  MANUFACTURERS’ HOSPITALITY EVENT
Continental Ballroom

Bacou-Dalloz (protective clothing and equipment)
Celanese PBI Group (protective textiles)
Draeger Safety, Inc. (protective clothing and equipment)
DuPont (protective textiles)
Globe Manufacturing Company (protective clothing)
Interspiro (SCBA)
LifeFitness (fitness equipment)
Lion Apparel (protective clothing ensembles and station uniforms)
Morning Pride/Total Fire Group (protective clothing ensemble)
MSA (SCBA and helmets)
Muscular Dystrophy Association
MWG Apparel Corporation (protective clothing)
National Technology Transfer Center
Plymovent (diesel exhaust systems)
Precor (fitness equipment)
Public Safety Medical Services
Safety Components Fabric Technologies, Inc. (protective textiles)
Scott Health and Safety (SCBA)
Southern Mills (protective textiles)
StairMaster (fitness equipment)
W.L. Gore & Associates (moisture and protective barriers)

PLEASE JOIN THE ABOVE SUPPORTERS OF IAFF PROGRAMS FOR HOSPITALITY
AND AN OPPORTUNITY TO MAKE MANUFACTURER CONTACT AND VIEW
THEIR PRODUCTS.
**WEDNESDAY, OCTOBER 8, 2003**

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>5:30 am - 7:30 am</td>
<td>IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT</td>
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<td>Franciscan Rooms</td>
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<td>Yosemite Room</td>
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<td>7:30 am - 6:00 pm</td>
<td>FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS</td>
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<td>Executive Board Room</td>
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<td>7:45 am - 9:30 am</td>
<td>WORKSHOP SESSIONS</td>
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<td>WORKSHOPS B-1 (Attend as scheduled on name badge)</td>
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<td>Biological Weapons of Mass Destruction</td>
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<td>Continental Ballroom 7,8,9</td>
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<td>New Protective Clothing and Equipment Technology</td>
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<td>Fire Service Communications</td>
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<td>Weapons of Mass Destruction Response</td>
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<td>Continental Ballroom 6</td>
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<td>Incident Command System</td>
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<td>Continental Ballroom 4</td>
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<td>Designing &amp; Outfitting Exercise Facilities for Emergency Responders</td>
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<td>Continental Ballroom 5</td>
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<td>9:30 am - 10:00 am</td>
<td>COFFEE BREAK</td>
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<td>Yosemite Room</td>
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<tr>
<td>10:00 am - 11:30 am</td>
<td>WORKSHOPS B-2 (Attend as scheduled on name badge)</td>
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<td>Biological Weapons of Mass Destruction</td>
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<td>Continental Ballroom 7,8,9</td>
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<td>Imperial Ballroom B</td>
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WEDNESDAY, OCTOBER 8, 2003 (continued)

Fire Service Communications
Imperial Ballroom A

Weapons of Mass Destruction Response
Continental Ballroom 6

Incident Command System
Continental Ballroom 4

Designing & Outfitting Exercise Facilities for Emergency Responders
Continental Ballroom 5

11:30 am - 12:00 noon
COFFEE BREAK
Yosemite Room

12:00 noon - 1:30 pm
PLENARY SESSION
Grand Ballroom

OPENING REMARKS

Richard M. Duffy
Assistant to the General President
Occupational Health, Safety and Medicine
International Association of Fire Fighters
Washington, DC

INTRODUCTIONS

James M. Melius, MD, DrPH
Chairman, Board of Medical Advisors
John P. Redmond Foundation
International Association of Fire Fighters
Washington, DC

CURRENT FIRE FIGHTER OPERATIONS ISSUES

Fire Fighter Geo-Location Devices
Wayne Haase, PhD
President
Summit Safety, Inc.
Devens, Massachusetts

Risk Assessment of Using Firefighter Protective Ensemble with SCBA for Rescue Operations During a Terrorist Chemical Agent Incident
Paul D. Fedele, PhD
Chief Scientist, MIRP
US Army, Soldiers Biological Chemical Command
Edgewater, Maryland
WEDNESDAY, OCTOBER 8, 2003 (continued)

Fire Department Communications Issues
Leif Anderson
Captain
Phoenix Fire Department
Phoenix, Arizona

The NIOSH National Personal Protective Technology Laboratory
Richard Metzler
Laboratory Director
National Personal Protective Technology Laboratory (NPPTL)
National Institute for Occupational Safety and Health
Pittsburgh, Pennsylvania

2:30 pm - 4:30 pm  FIRE APPARATUS DESIGN AND SAFETY ROUNDTABLE
Plaza Room A

2:30 pm - 4:30 pm  FITNESS EXPERT ROUNDTABLE
Plaza Room B

2:30 pm - 6:00 pm  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
Franciscan Rooms
THURSDAY, OCTOBER 9, 2003

5:30 am - 7:30 am  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT  
Franciscan Rooms

6:00 am - 7:00 am  BODY BUILDING WORKSHOP WITH BILL PEARL  
Franciscan Rooms

6:30 am - 7:30 am  FRIENDS OF BILL W. MEETING  
Union Plaza Room 17 & 18

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

7:30 am - 2:00 pm  IAFF Exhibits  
Yosemite Room

7:30 am - 9:30 am  FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS  
Executive Board Room

7:45 am - 8:00 am  PLENARY SESSION  
Grand Ballroom

OPENING REMARKS

Richard M. Duffy  
Assistant to the General President  
Division of Occupational Health, Safety and Medicine  
International Association of Fire Fighters  
Washington, DC

INTRODUCTIONS

James M. Melius, MD, DrPH  
Chairman, Board of Medical Advisors  
John P. Redmond Foundation  
International Association of Fire Fighters  
Washington, DC

8:00 am - 9:30 am  FIRE DEPARTMENT OPERATIONS - SEPTEMBER 11, 2001  
In Memory of the 343-IAFF FDNY members; 1-IAFF New York Fire Patrolman member; and 3-IAFF retired FDNY members killed on September 11, 2001

The Response to the Pentagon

James Schwartz  
Assistant Chief  
Arlington County Fire Department  
Arlington, Virginia
THURSDAY, OCTOBER 9, 2003 (continued)

The Response to the World Trade Center

Peter Hayden
Deputy Assistant Chief
Fire Department, City of New York
New York, New York

9:30 am - 10:30 am
LINE-OF-DUTY DEATH AND INJURY INVESTIGATIONS

Manlius, New York, March 7, 2002
In Memory of Fire Fighters John Ginocchetti and Timothy J. Lynch

Gary Hass
Past President, IAFF Local 3316
Manlius, New York

St. Louis, Missouri, May 3, 2002
In Memory of Captain Robert Morrison and Captain Derek Martin

Dennis Jenkerson
Battalion Chief
St. Louis Fire Department
St. Louis, Missouri

10:30 am - 11:00 am
COFFEE BREAK
Yosemite Room

11:00 am - 1:30 noon
LINE-OF-DUTY DEATH AND INJURY INVESTIGATIONS

Gloucester City, New Jersey, July 4, 2002
In Memory of Fire Fighter Thomas G. Stewart, James Sylvester and John West

Kevin McCabe
Deputy Commissioner
State of New Jersey, Department of Labor
Trenton, New Jersey

Osceola County, Florida, July 30, 2002
In Memory of Lieutenant John Mickel and Fire Fighter Dallas Begg

Dan Fleming
Lieutenant, Training Department
Orlando Fire Department
Orlando, Florida

Dan Madrzykowski
Fire Protection Engineer
National Institute for Standards and Technology
Gaithersburg, Maryland
THURSDAY, OCTOBER 9, 2003 (continued)

Coos Bay, Oregon, November 25, 2002
In Memory of Lieutenant Randall E. Carpenter, Fire Fighters Jeffrey E. Common and R. Chuck Hanners

Paul Esselstyn
Oregon State Representative
International Association of Fire Fighters
Springfield, Oregon

Rob McGregor
Oregon State Representative
International Association of Fire Fighters
Springfield, Oregon

Memphis, Tennessee, June 15, 2003
In Memory of Lieutenant Trent A. Kirk and Fire Fighter Charles A. Zachary

Henry Posey
Battalion Chief
Memphis Fire Department
Memphis, Tennessee

1:30 pm - 2:00 pm CLOSING FORUM
2:00 pm SYMPOSIUM ADJOURNMENT
WORKSHOPS “A”

The Economics of Wellness-Fitness and Candidate Physical Ability Test

The implementation of an effective wellness and fitness program requires convincing presentations, extensive planning and creative funding. Learn the lessons from those who have been successful. The workshop will also focus on the costs and benefits of these two important programs.

MODERATOR

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

PANEL

Diane Elliot, MD
Professor of Medicine
Principal Investigator
PLAME (Promotes Health Lifestyles: Alternative Models Effects)
Oregon Health & Science University
Portland, Oregon

Kerry Kuehl, MD
Assistant Professor of Medicine
Division of Health Promotion & Sports Medicine
Oregon Health & Science University
Portland, Oregon

Thomas W. Carr
Chief of the Division of Fire & Rescue Services
Montgomery County Fire and Rescue Department
Montgomery County, Maryland
New Fire Service Medical Standards

This workshop will provide an in depth review of the new NFPA 1582 fire service medical standard and how it applies differently for candidates and incumbent emergency responders.

MODERATOR

Christopher Jankosky, MD
Occupational Medicine Resident
International Association of Fire Fighters
Washington, DC

PANEL

M. Sandy Bogucki, MD, PhD
Medical Director
New Haven, Connecticut

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

Franklin Pratt, MD
Medical Director
Los Angeles County Fire Department
Los Angeles County, California
Infectious Disease Issues in the Fire Service

An examination of current issues surrounding bloodborne pathogens and infectious diseases including new and emerging diseases, including smallpox, monkey pox, SARS, anthrax and potential biological weapon agents. Additionally, new issues surrounding Hepatitis A, B and C will be addresses as well as the latest developments in fire service infectious disease programs.

MODERATOR

Ellen R. Kessler, MD
Infectious Diseases Physicians, Inc.
Annandale, Virginia

PANEL

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

John Piacentino, MD
Chief Physician
Corporate Occupational Health Solutions
Gaithersburg, Maryland

John Niemiec
Infection Control Officer
Fairfax County Fire Department
Fairfax County, Virginia
Fire Fighter Fatality Investigations

A case-study review of recent fire fighter fatalities and the NIOSH investigation program. Lessons learned from a comprehensive accident investigation must be recognized as tools for enhancing the health and safety of fire fighters. Members of the NIOSH Fire Fighter Fatality and Injury Prevention Project will conduct this workshop.

MODERATOR

Richard Braddee
Safety and Occupational Health Manager
National Institute for Occupational Safety and Health
Morgantown, West Virginia

PANEL

Tim Merinar
Safety Engineer
National Institute for Occupational Safety and Health
Morgantown, West Virginia

Jay Tarley
Safety and Occupational Health Specialist
National Institute for Occupational Safety and Health
Morgantown, West Virginia

Scott Jackson
Occupational Health Nurse
National Institute for Occupational Safety and Health
Cincinnati, Ohio

Terrence Smith
San Francisco Fire Department
San Francisco, California
WORKSHOPS “A”

Coping with Stress and Trauma

A detailed discussion on techniques that emergency responders can use to manage critical incident stress. The panel will address the lessons learned from the IAFF’s experiences in New York City after the attacks on the World Trade Center.

MODERATOR

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

PANEL

Ron Tapscott
EAP Director
IAFF Local 493, Phoenix Fire Department
Phoenix, Arizona

Ted Frett
Peer Counselor
Fire Department, City of New York
New York, New York

Patricia Fisher, PhD
Clinical Psychologist, Director
Fisher & Associates
Victoria, British Columbia
Safe Staffing for Fire Departments

The new NFPA 1710 standard addressing career fire service deployment of fire department resources will be addressed by those involved in its development. The workshop will address fire department organization, including systems and resources, as it relates to fire department deployment to a structural fire, EMS incident or special operations event. It will also provide a detailed review and case studies of US and Canadian staffing issues as well as a presentation on the Rhode Island fire

MODERATOR

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

PANEL

Philip Schaeenman
President
TriData Corporation
Arlington, Virginia

Jonathan Moore
Director
Department of Fire/EMS Operations and GIS
International Association of Fire Fighters
Washington, DC

Nancy B.G. Lassen, Esq.
Partner
Willig, Williams & Davidson
Philadelphia, Pennsylvania
Biological Weapons of Mass Destruction

Responding to biological weapons of a mass destruction is now a reality for the fire service. The workshop will address what every first responder needs to know about biological agents, vaccination programs and preparing your fire department to respond. The workshop will include a review of major training operations for a biological WMD response.

MODERATOR

Eric Lamar
Assistant to the General President
International Association of Fire Fighters
Washington, DC

PANEL

Gene Ryan
Deputy District Chief
Special OPS Coordinator, HazMat
Chicago Fire Department
Chicago, Illinois

A.D. Vickery
Deputy Chief
Special Operations
Seattle Fire Department
Seattle, Washington

Scott Deitchman, MD, MPH
Assistant Director for Emergency Preparedness
Office of the Director
National Institute for Occupational Safety and Health, Centers for Disease Control
Atlanta, Georgia
New Protective Clothing and Equipment Technology

An examination of current issues surrounding fire fighter’s protective clothing and equipment, including new technology to better protect fire fighters and emergency medical personnel. Information regarding the new NIOSH Certification and Research Laboratory and their new CBRN respirator certification program. Additionally the IAFF’s new initiative, Project HEROES, and the role of the federal government’s Interagency Board on Standardization and Interoperability (IAB) will be discussed.

MODERATOR

Bruce Teele
Senior Fire Service Safety Specialist
National Fire Protection Association
Quincy, Massachusetts

PANEL

William Haskell
United States Army
Natick Soldiers’ Center
Natick, Massachusetts

Les Boord
Deputy Director
National Personal Protective Technology Laboratory
National Institute for Occupational Safety and Health
Pittsburgh, Pennsylvania

Jeffrey O. Stull
President
International Personnel Protection, Inc.
Austin, Texas
WORKSHOPS “B”

Fire Service Communications

A comprehensive review of the issues, problems and solutions of fire department radio systems and fireground communications. The workshop will address radio interoperability and case studies on new system implementation.

MODERATOR

Tim Hill
Special Assistant to the President
United Phoenix Fire Fighters, IAFF Local 493
Phoenix, Arizona

PANEL

Leif Anderson
Captain
Phoenix Fire Department
Phoenix, Arizona

G. Seth Leyman
President
Communications-Applied Technology (C-AT)
Arlington, Virginia

Ray Lehr
Business Development Manager
Northrop Grumman
Reston, Virginia
WORKSHOPS “B”

Weapons of Mass Destruction Response

This workshop will focus on safety and health concerns at a “Sustained Response” incident. Workshop presenters will include responders to the 2001 Florida Anthrax Incident. Specific information will be provided on how to prepare generally for such an event as well as specific challenges. This will include discussions on Inter-Agency cooperation between Fire-Rescue Haz Mat Teams, Law Enforcement, Federal Agencies, and Public Health Agencies as well as managing the increase in suspicious powder calls, decon operations, and the intensive media coverage. Participants will also receive an overview of the IAFF WMD training program.

MODERATOR

Paul Hoffman
Director
Weapons of Mass Destruction Training Department
International Association of Fire Fighters
Washington, DC

PANEL

Russell Accardi
Battalion Chief
Delray Beach Fire-Rescue Department
Delray Beach, Florida

Paul Ceresa
Fire Fighter, Haz-Mat Technician
Boca Raton Fire-Rescue Services Department
Boca Raton, Florida
Incident Command System

This workshop provides a new presentation addressing fire fighter safety as it relates to incident command, by the internationally recognized authority on this subject Chief Alan Brunacini.

PRESENTER

Alan Brunacini
Fire Chief
Phoenix Fire Department
Phoenix, Arizona

WORKSHOPS “B”
Designing & Outfitting Exercise Facilities for Emergency Responders

A comprehensive review of fitness and exercise facilities for fire departments, including equipment for the fire station. Presenters will address specific types of aerobic and strength equipment and space considerations, as well as equipment costs, floor plans, safety considerations, warranties and equipment life.

MODERATOR

Jill Craig
Director
Austin Fire Department
Austin, Texas

PANEL

Deborah Castagnola Wheeler, MA
Wellness Coordinator
City of Orlando
Orlando, Florida

Ian Crosby
Peer Fitness Trainer and Instructor
Calgary Fire Department
Calgary, Alberta

Michael Cacciola
Lieutenant, Fitness Program Director
Fire Department, City of New York
New York, New York
An open roundtable discussion on the medical needs and physicians involvement in fire department occupational health and medical programs. Topics to be addressed will include choosing a fire department physician, essential job tasks and medical requirements, coordinating the medical program within the fire department structure, data collection, confidentiality and the positive impact of implementing the medical requirements of the IAFF/IAFC Fire Service Joint Labor Management Wellness-Fitness Initiative. Facilitators for this Roundtable are all members of the IAFF’s Medical Advisory Board.

ROUNDTABLE FACILITATORS

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

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

**M. Sandy Bogucki, MD, PhD**  
Medical Director  
New Haven Fire Department & Connecticut Fire Academy  
New Haven, Connecticut

**Philip Landrigan, MD**  
Chairman, Dept of Community & Preventive Medicine  
Mt. Sinai School of Medicine  
New York, New York

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

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

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

**David Prezant, MD**  
Deputy Chief Medical Officer  
Fire Department, City of New York  
New York, New York

**Don Stewart, MD**  
Medical Director  
Public Safety Occupational Health Center  
Fairfax County, Virginia
FIRE APPARATUS DESIGN AND SAFETY ROUNDTABLE
Wednesday, October 8, 2003
2:30 - 4:30 p.m. (Plaza Room A)

An open roundtable discussion to address current fire apparatus design and safety issues. The roundtable brings together experts in the field of standards development, apparatus specifications and procurement, investigations of apparatus accidents, and the recent USFA sponsored program on Emergency Vehicle Safety. Facilitators for this Roundtable are members of the NFPA Technical Committee on Fire Department Apparatus and the USFA/DOT-sponsored Emergency Vehicle Safety Initiative.

ROUNDTABLE FACILITATORS

Jeff Bowman, Chairman
NFPA Technical Committee on Fire Department Apparatus
Fire Chief
San Diego Fire Department
San Diego, California

Ralph Craven
Apparatus Investigation Expert
Reno, Nevada

Kevin Roche
Resource Management Administrator
Phoenix Fire Department
Phoenix, Arizona

William Troup
Project Manager
United State Fire Administration
Washington, DC
FITNESS EXPERT’S ROUNDTABLE
Wednesday, October 8, 2003
2:30 - 4:30 p.m. (Plaza Room B)

An open roundtable discussion on the fitness needs and the involvement of peer fitness trainers fire department occupational health and wellness and fitness programs. Topics to be addressed will include the IAFF’s Peer Fitness Trainer Certification Program. Facilitators for this Roundtable are members of the IAFF/IAFC Joint Labor Management Wellness-Fitness Initiative Peer Fitness Trainer Oversight Committee.

ROUNDTABLE FACILITATORS

**Derek Alkonis**
IAFF/IAFC Joint Labor Management Wellness-Fitness Initiative PFT Oversight Committee
Captain
Los Angeles County Fire Department
Los Angeles County, California

**Mike Cacciola**
IAFF/IAFC Joint Labor Management Wellness-Fitness Initiative PFT Oversight Committee
Lieutenant
Fire Department, New York City
New York, New York

**Jill Craig**
IAFF/IAFC Joint Labor Management Wellness-Fitness Initiative PFT Oversight Committee
Exercise Physiologist
Austin Fire Department
Austin, Texas

**Vicki Lee**
IAFF/IAFC Joint Labor Management Wellness-Fitness Initiative PFT Oversight Committee
Special Projects Coordinator
International Association of Fire Chief
Fairfax, Virginia

**Scott Peltin**
IAFF/IAFC Joint Labor Management Wellness-Fitness Initiative PFT Oversight Committee
Battalion Chief
Phoenix Fire Department
Phoenix, Arizona
The IAFF Office is located in the Green Room in the San Francisco Hilton. 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. Monday - Thursday at 6:30 am in the Union Plaza Room 17/18 in the San Francisco Hilton. This room is available for other Twelve Step programs during the Symposium through scheduling in the IAFF Office.

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