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

Phoenix, Arizona
September 23 - 27, 2001

JOHN P. REDMOND FOUNDATION
DEPARTMENT OF OCCUPATIONAL HEALTH AND SAFETY
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:

Dominick F. Barbera, Chairman
Vincent J. Bollon, Vice Chairman
Kevin Gallagher, Trustee
Ernest “Buddy” Mass, Trustee
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Lisa Aaron, Executive Secretary

Department of Occupational Health and Safety
Andrew Levinson, Safety and Health Assistant
Ron McGraw, Safety and Health Assistant

James M. Melius, MD, DrPH, Chairman
IAFF Board of Medical Advisors

We wish to extend our utmost appreciation and gratitude to the officers, executive board and members of the United Phoenix Fire Fighters, IAFF Local 493 for their assistance and participation in this symposium:

Billy Shields, President, IAFF Local 493
Brian Tobin, Secretary, IAFF Local 493
Tim Hill, Special Assistant to the President, IAFF Local 493

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

Alan Brunacini, Fire Chief
Steve Kreis, Assistant Fire Chief
Scott Peltin, Captain/Paramedic
Kevin Roche, Assistant to the Fire Chief

We would also like to acknowledge our gratitude to the United States Fire Administration, Federal Emergency Management Agency 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.
SIXTEENTH SYMPOSIUM ON THE OCCUPATIONAL HEALTH AND HAZARDS OF THE FIRE SERVICE

PHOENIX, ARIZONA

SUNDAY, SEPTEMBER 23, 2001

9:00 am - 6:00 pm  REGISTRATION
                   Second Floor Foyer
                   Crowne Plaza Hotel

9:00 am - 5:00 pm  JOINT FIRE SERVICE CANDIDATE PHYSICAL ABILITY TEST
                   Phoenix Terrace
                   Phoenix Civic Plaza, North

9:00 am - 5:00 pm  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
                   Pueblo Room
                   Crowne Plaza Hotel

7:00 pm - 10:00 pm WELCOMING RECEPTION
                   Pool Terrace
                   Crowne Plaza Hotel

MONDAY, SEPTEMBER 24, 2001

5:30 am - 7:30 am  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
                   Pueblo Room
                   Crowne Plaza Hotel

                   BODY BUILDING WORKSHOP WITH BILL PEARL
                   Pueblo Room
                   Crowne Plaza Hotel

6:00 am - 8:00 am  JOINT FIRE SERVICE CANDIDATE PHYSICAL ABILITY TEST
                   Phoenix Terrace
                   Phoenix Civic Plaza, North

6:00 am - 8:00 am  LATE REGISTRATION
                   South Ballroom Lobby 3
                   Phoenix Civic Plaza, South

6:30 am - 7:30 am  FRIENDS OF BILL W. MEETING
                   Quails Roost Room
                   Crowne Plaza Hotel

7:30 am - 6:00 pm  FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS
                   Tucson Rooms 26, 27, 31, 32
                   Phoenix Civic Plaza, South
MONDAY, SEPTEMBER 24, 2001  (continued)

7:45 am - 8:00 am  SIXTEENTH IAFF JOHN P. REDMOND SYMPOSIUM

OPENING SESSION
South Ballroom
Phoenix Civic Plaza, South

8:00 am - 8:15 am  SYMPOSIUM CALL TO ORDER AND OPENING REMARKS

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

8:15 am - 9:30 am  WELCOME

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

Billy Shields
President
United Phoenix Fire Fighters, IAFF Local 493
Phoenix, Arizona

Alan Brunacini
Fire Chief
Phoenix Fire Department
Phoenix, Arizona

Skip Rimsza
Mayor
Phoenix, Arizona

Jane Dee Hull
Governor
State of Arizona

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

9:30 am - 11:00 pm

NFPA 1710 STANDARD
DEPLOYMENT AND ORGANIZATION OF CAREER FIRE DEPARTMENTS

The Labor/Management Commitment

Michael J. Crouse
Chief of Staff
International Association of Fire Fighters
Washington, DC

Michael Brown
Past President
International Association of Fire Chiefs
Fairfax, Virginia

The Process

Alan Brunacini
Fire Chief
Phoenix Fire Department
Phoenix, Arizona

Understanding the Standard

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

Evaluation of Fire Department Performance

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

Developing a Media Campaign

George Burke
Assistant to the General President
International Association of Fire Fighters
Washington, DC
Mondays, September 24, 2001 (continued)

The Legal Process and NFPA 1710

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

11:00 am - 12:00 noon  KEYNOTE ADDRESS

Making Decisions in High Risk, Low Frequency Situations

Gordon Graham
President
Graham Research Consultants
San Diego, California

12:00 pm - 1:30 pm  THE IAFF/ICHIEFS WELLNESS-FITNESS INITIATIVE
THE PEER FITNESS TRAINER COMPONENT

The IAFF/ACE Partnership

Ken Germano
Executive Director
American Council on Exercise
San Diego, California

The Peer Fitness Trainer Process

Pat Morrison
Chairman
IAFF Peer Fitness Trainer Program Oversight Committee
Washington, DC

Technical Aspects of the Peer Fitness Trainer Program

Olivia Templeton
Professor
Glendale Community College
Glendale, Arizona

The Peer Fitness Trainer Certification Test

Ray Wasdyke, EdD
President
Wasdyke Associates, LLP
Annapolis, Maryland
Fire FitKids

Scott Peltin
Captain/Paramedic
Phoenix Fire Department
Phoenix, Arizona

Peggy Bilsten
Councilwoman
Phoenix City Council
Phoenix, Arizona

Graduates of Fire FitKids
Valley Lutheran High School
Phoenix, Arizona

1:30 pm - 2:00 pm
NEW DIRECTIONS AT FEMA

The Honorable Joe M. Allbaugh
Director
Federal Emergency Management Agency
Washington, DC

2:00 pm - 6:00 pm
JOINT FIRE SERVICE CANDIDATE PHYSICAL ABILITY TEST
Phoenix Terrace
Phoenix Civic Plaza, North

2:00 pm - 6:00 pm
IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
Pueblo Room
Crowne Plaza Hotel

2:00 pm - 6:00 pm
FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS
Tucson Rooms 26, 27, 31, 32
Phoenix Civic Plaza, South

2:00 pm - 6:00 pm
PHOENIX FIRE DEPARTMENT APPARATUS DISPLAY
Phoenix Civic Plaza, South (Third Street)

2:15 pm - 4:00 pm
PHOENIX FIRE DEPARTMENT TOURS
Buses depart from Phoenix Civic Plaza, South (Third Street)
(Registration badge indicates day and time of tour)

4:15 pm - 6:00 pm
PHOENIX FIRE DEPARTMENT TOURS
Buses depart from Crowne Plaza
(Registration badge indicates day and time of tour)
MONDAY, SEPTEMBER 24, 2001 (continued)

5:00 pm - 8:00 pm  MANUFACTURERS’ HOSPITALITY EVENT
Grand Ballroom
Crowne Plaza Hotel

American Council on Exercise (fitness organization)
American LaFrance (fire apparatus)
BASF Corporation (protective textiles)
Celanese PBI Group (protective textiles)
DIFCO Performance Fabrics (protective textiles)
DuPont (protective textiles)
Fire Department Safety Officers Association (safety officers organization)
Firedex (protective clothing)
Fire Innovations (protective clothing and equipment)
Globe Firefighter Suits (protective clothing)
Interspiro (SCBA)
LifeFitness (fitness equipment)
Lion Apparel (protective clothing ensembles and station uniforms)
MSA (SCBA and helmets)
Muscular Dystrophy Association
Plymovent (diesel exhaust systems)
Polar Electronics (heart monitors)
Precor (fitness equipment)
Safety Components (protective textiles)
Scott Health and Safety (SCBA)
Securitex (protective clothing)
Southern Mills (protective textiles)
StairMaster (fitness equipment)
Stedfast (moisture and protective barriers)
Total Fire Group (protective clothing ensembles)
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, SEPTEMBER 25, 2001

5:30 am - 7:30 am  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
            Pueblo Room
            Crowne Plaza Hotel

            BODY BUILDING WORKSHOP WITH BILL PEARL
            Pueblo Room
            Crowne Plaza Hotel

6:00 am - 8:00 am  JOINT FIRE SERVICE CANDIDATE PHYSICAL ABILITY TEST
            Phoenix Terrace
            Phoenix Civic Plaza, North

6:30 am - 7:30 am  FRIENDS OF BILL W. MEETING
            Quails Roost Room
            Crowne Plaza Hotel

7:30 am - 6:00 pm  FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS
            Tucson Rooms 26, 27, 31, 32
            Phoenix Civic Plaza, South

7:45 am - 8:00 am  PLENARY SESSION
            South Ballroom
            Phoenix Civic Plaza, South

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 - 9:00 am  CURRENT OCCUPATIONAL MEDICINE ISSUES

            Study of Fire Fighter Exposure During Overhaul Operations

            Jefferey Burgess, MD
            Professor of Medicine
            University of Arizona
            Tucson, Arizona
TUESDAY, SEPTEMBER 25, 2001  (CONTINUED)

The IAFF Sarcoidosis Study and Registry

David Prezant, MD
Deputy Medical Director
New York City Fire Department
New York, New York

New Issues in Fire Fighter Burn Management

Roberta Mann, MD
Medical Director
Torrance Memorial Burn Center
Torrance, California

9:00 am - 10:00 am  NEW FIRE FIGHTING TECHNOLOGIES

Geolocation and Tracking Fire Fighters

Darryn Prince, PE
Principal Engineer
ViaSat, Incorporated
Carlsbad, California

Steve Townsend
Fire Fighter/Paramedic
Carrollton, Texas

New Thermal Imaging Technology

Owen Medd
System Engineering Consultant
Sage Technologies, Ltd.
Willow Grove, Pennsylvania

10:00 am - 10:30 am  COFFEE BREAK
Ballroom Terrace

10:30 am - 12:00 noon  WORKSHOPS A-1 (Attend according to registration badge)

Implementing the Wellness-Fitness Initiative
Tucson Rooms 38 - 39
Phoenix Civic Plaza, South

Implementing the Candidate Physical Ability Test
Yuma Rooms 21 - 22
Phoenix Civic Plaza, South

New Technology in Protective Clothing and Equipment
Tucson Rooms 36 - 37
Phoenix Civic Plaza, South
TUESDAY, SEPTEMBER 25, 2001  (CONTINUED)

NFPA 1710 -- Fire Department Organization and Deployment
Tucson Rooms 40 - 42
Phoenix Civic Plaza, South

Nutrition and Weight Management in the Fire Service
Yuma Rooms 28 - 30, 33 - 35
Phoenix Civic Plaza, South

NIOSH Fire Fighter Fatality Investigation Program
Yuma Room 23 - 25
Phoenix Civic Plaza, South

12:00 noon - 12:30 pm  COFFEE BREAK
Ballroom Terrace

12:30 pm - 2:00 pm  WORKSHOPS A-2 (Attend according to registration badge)

Implementing the Wellness-Fitness Initiative
Tucson Rooms 38 - 39
Phoenix Civic Plaza, South

Implementing the Candidate Physical Ability Test
Yuma Rooms 21 - 22
Phoenix Civic Plaza, South

New Technology in Protective Clothing and Equipment
Tucson Rooms 36 - 37
Phoenix Civic Plaza, South

NFPA 1710 -- Fire Department Organization and Deployment
Tucson Rooms 40 - 42
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Nutrition and Weight Management in the Fire Service
Yuma Rooms 28 - 30, 33 - 35
Phoenix Civic Plaza, South

NIOSH Fire Fighter Fatality Investigation Program
Yuma Room 23 - 25
Phoenix Civic Plaza, South

2:00 pm - 6:00 pm  JOINT FIRE SERVICE CANDIDATE PHYSICAL ABILITY TEST
Phoenix Terrace
Phoenix Civic Plaza, North

2:00 pm - 6:00 pm  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
Pueblo Room
Crowne Plaza Hotel
TUESDAY, SEPTEMBER 25, 2001  (continued)

2:00 pm - 6:00 pm  FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS  
Tucson Rooms 26, 27, 31, 32  
Phoenix Civic Plaza, South

2:00 pm - 6:00 pm  PHOENIX FIRE DEPARTMENT APPARATUS DISPLAY  
Phoenix Civic Plaza, South (Third Street)

2:15 pm - 4:00 pm  PHOENIX FIRE DEPARTMENT TOURS  
Buses depart from Phoenix Civic Plaza, South (Third Street)  
(Registration badge indicates day and time of tour)

4:15 pm - 6:00 pm  PHOENIX FIRE DEPARTMENT TOURS  
Buses depart from Crowne Plaza  
(Registration badge indicates day and time of tour)

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BASF Corporation (protective textiles)  
Celanese PBI Group (protective textiles)  
DIFCO Performance Fabrics (protective textiles)  
DuPont (protective textiles)  
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Fire Innovations (protective clothing and equipment)  
Globe Firefighter Suits (protective clothing)  
Interspiro (SCBA)  
LifeFitness (fitness equipment)  
Lion Apparel (protective clothing ensembles and station uniforms)  
MSA (SCBA and helmets)  
Muscular Dystrophy Association  
Plymovent (diesel exhaust systems)  
Polar Electronics (heart monitors)  
Precor (fitness equipment)  
Safety Components (protective textiles)  
Scott Health and Safety (SCBA)  
Securitex (protective clothing)  
Southern Mills (protective textiles)  
StairMaster (fitness equipment)  
Stedfast (moisture and protective barriers)  
Total Fire Group (protective clothing ensembles)  
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, SEPTEMBER 26, 2001

5:30 am - 7:30 am  
IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT  
Pueblo Room  
Crowne Plaza Hotel

BODY BUILDING WORKSHOP WITH BILL PEARL  
Pueblo Room  
Crowne Plaza Hotel

6:00 am - 8:00 am  
JOINT FIRE SERVICE CANDIDATE PHYSICAL ABILITY TEST  
Phoenix Terrace  
Phoenix Civic Plaza, North

6:30 am - 7:30 am  
FRIENDS OF BILL W. MEETING  
Quails Roost Room  
Crowne Plaza Hotel

7:30 am - 6:00 pm  
FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS  
Tucson Rooms 26, 27, 31, 32  
Phoenix Civic Plaza, South

7:45 am - 8:00 am  
PLENARY SESSION  
South Ballroom  
Phoenix Civic Plaza, South

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 - 9:30 am  
HEPATITIS C AND THE FIRE SERVICE  
The IAFF Hepatitis C Program Overview and Video  

James Melius, MD, DrPH  
Chairman, Board of Medical Advisors  
John P. Redmond Foundation  
International Association of Fire Fighters  
Washington, DC
Schering-Plough Hepatitis Business Unit’s Commitment to the Fire Service

Paula M. Morgan  
Vice President of Managed Care Sales  
Schering-Plough  
Kenilworth, New Jersey

Legislative Update on Hepatitis C

Kevin O’Connor  
Assistant to the General President  
International Association of Fire Fighters  
Washington, DC

The Hepatitis C Epidemic: A Significant Risk for Workers’ Compensation

Philip S. Borba, PhD  
Principal and Senior Consultant  
Milliman USA, Inc.  
New York, New York

Fire Fighter Medicals and Fire Fighters At Risk

Steve Clelland  
President  
IAFF Local 1365  
Orlando, Florida

Geoffrey Bichler, PA  
Attorney  
Workers Compensation and Disability  
Orlando, Florida

9:30 am - 10:00 am  
IAFF SMOKING CESSATION PROGRAM

Virginia Harris  
Director  
Behavioral Solutions, LLC  
Trenton, New Jersey

Todd Greenwood, PhD  
Director of Business Development  
Behavioral Solutions, LLC  
Trenton, New Jersey

10:00 am - 10:30 am  
COFFEE BREAK  
Ballroom Terrace
WEDNESDAY, SEPTEMBER 26, 2001 (CONTINUED)

10:30 am - 12:00 noon  WORKSHOPS B-1 (Attend according to registration badge)

   The NFPA 1710 Standard -- Evaluating Fire Department Performance
       Tucson Room 36 - 37
       Phoenix Civic Plaza, South

   Fire Service Response to Weapons of Mass Destruction
       Yuma Rooms 21 - 22
       Phoenix Civic Plaza, South

   Fire Department Radio Communications
       Yuma Rooms 28 - 30, 33 - 35
       Phoenix Civic Plaza, South

   The IAFF Peer Fitness Trainer Program
       Yuma Room 23 - 25
       Phoenix Civic Plaza, South

   Fire Department Incident Command Management and Safety
       Tucson Rooms 38 - 39
       Phoenix Civic Plaza, South

   Behavior Modification and Wellness-Fitness Programs
       Tucson Rooms 40 - 42
       Phoenix Civic Plaza, South

12:00 noon - 12:30 pm  COFFEE BREAK
                       Ballroom Terrace

12:30 pm - 2:00 pm  WORKSHOPS B-2 (Attend according to registration badge)

   The NFPA 1710 Standard -- Evaluating Fire Department Performance
       Tucson Room 36 - 37
       Phoenix Civic Plaza, South

   Fire Service Response to Weapons of Mass Destruction
       Yuma Rooms 21 - 22
       Phoenix Civic Plaza, South

   Fire Department Radio Communications
       Yuma Rooms 28 - 30, 33 - 35
       Phoenix Civic Plaza, South

   The IAFF Peer Fitness Trainer Program
       Yuma Room 23 - 25
       Phoenix Civic Plaza, South
WEDNESDAY, SEPTEMBER 26, 2001 (CONTINUED)

Fire Department Incident Command Management and Safety
  Tucson Rooms 38 - 39
  Phoenix Civic Plaza, South  

Behavior Modification and Wellness-Fitness Programs
  Tucson Rooms 40 - 42
  Phoenix Civic Plaza, South  

2:00 pm - 6:00 pm  JOINT FIRE SERVICE CANDIDATE PHYSICAL ABILITY TEST
  Phoenix Terrace
  Phoenix Civic Plaza, North  

2:00 pm - 6:00 pm  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT
  Pueblo Room
  Crowne Plaza Hotel  

2:00 pm - 6:00 pm  FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS
  Tucson Rooms 26, 27, 31, 32
  Phoenix Civic Plaza, South  

2:00 pm - 6:00 pm  PHOENIX FIRE DEPARTMENT APPARATUS DISPLAY
  Phoenix Civic Plaza, South (Third Street) 

2:15 pm - 4:00 pm  PHOENIX FIRE DEPARTMENT TOURS
  Buses depart from Phoenix Civic Plaza, South (Third Street)
  (Registration badge indicates day and time of tour)  

4:15 pm - 6:00 pm  PHOENIX FIRE DEPARTMENT TOURS
  Buses depart from Crowne Plaza
  (Registration badge indicates day and time of tour)  

6:30 pm  NIGHT AT THE BALLPARK
  Arizona Diamondbacks v. Milwaukee Brewers
  Sponsored and Hosted by the IAFF and Scott Health and Safety  

PLEASE JOIN OUR HOST SCOTT HEALTH AND SAFETY FOR AN EVENING OF BASEBALL. GENERAL PRESIDENT SCHAITBERGER WILL THROW OUT THE FIRST PITCH AT 6:45 pm. TICKETS WILL BE DISTRIBUTED DURING REGISTRATION.
THURSDAY, SEPTEMBER 27, 2001

5:30 am - 7:30 am  IAFF FITNESS CENTER AND FITNESS EQUIPMENT EXHIBIT  
                    Pueblo Room  
                    Crowne Plaza Hotel

BODY BUILDING WORKSHOP WITH BILL PEARL  
                    Pueblo Room  
                    Crowne Plaza Hotel

6:00 am - 8:00 am  JOINT FIRE SERVICE CANDIDATE PHYSICAL ABILITY TEST  
                    Phoenix Terrace  
                    Phoenix Civic Plaza, North

6:30 am - 7:30 am  FRIENDS OF BILL W. MEETING  
                    Quails Roost Room  
                    Crowne Plaza Hotel

6:00 am - 8:00 am  FIRE FIGHTER PHYSICAL FITNESS ASSESSMENTS  
                    Tucson Rooms 26, 27, 31, 32  
                    Phoenix Civic Plaza, South

7:45 am - 8:00 am  PLENARY SESSION  
                    South Ballroom  
                    Phoenix Civic Plaza, South

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  LINE-OF-DUTY DEATH AND INJURY INVESTIGATIONS

The NIOSH Analysis of 1999 - 2000 Line-of-Duty Deaths  
Steven Proudfoot  
Epidemiologist  
National Institute for Occupational Safety and Health  
Morgantown, West Virginia
THURSDAY, SEPTEMBER 27, 2001 (continued)

Houston, Texas, February 14, 2000
In Memory of Fire Fighters Kimberly A. Smith and Lewis D. Mayo III

Gary Vincent
Assistant Chief
Houston Fire Department
Houston, Texas

Keokuk, Iowa, December 22, 1999
In Memory of Assistant Chief David McNally and Fire Fighters Jason Bitting and Nathan Tuck

Tom Mezzanotte
Principal Investigator
National Institute for Occupational Safety and Health
Morgantown, West Virginia

Louie A. Wright
Vice President, Second District
International Association of Fire Fighters
Kansas City, Missouri

Washington, DC, May 30, 1999
In Memory of Fire Fighters Anthony S. Phillips and Louis J. Matthews

Thomas Tippet
Fire Chief (Retired)
District of Columbia Fire and EMS Department
Washington, DC

10:00 am - 10:30 am  COFFEE BREAK
Ballroom Terrace

10:30 am - 1:30 am  LINE-OF-DUTY DEATH AND INJURY INVESTIGATIONS

New York City, New York, June 17, 2001
In Memory of Fire Fighters John Downing, Brian Fahey and Harry Ford

Peter Ganci
Chief of Department
New York City Fire Department
New York, New York

Albert Turi, Jr.
Chief of Safety
New York City Fire Department
New York, New York
Worcester, Massachusetts, December 3, 1999  
*In Memory of Lieutenant Thomas E. Spencer, Fire Fighters Paul A. Brotherton, Timothy P. Jackson, Jeremiah M. Lucey, James F. Lyons, and Joseph T. McGuirk*

**Gerald Dio**  
Fire Chief  
Worcester Fire Department  
Worcester, Massachusetts

Phoenix, Arizona, March 14, 2001  
*In Memory of Fire Fighter Bret Tarver*

**Alan Brunacini**  
Fire Chief  
Phoenix Fire Department  
Phoenix, Arizona

**Todd Harms**  
Captain/Paramedic  
Phoenix Fire Department  
Phoenix, Arizona

**Robin Tarver**  
Wife of Fire Fighter Bret Tarver  
Phoenix, Arizona

1:30 pm - 2:00 pm  
**CLOSING FORUM**

2:00 pm  
**SYMPOSIUM ADJOURNMENT**

2:00 pm - 4:00 pm  
**PHOENIX FIRE DEPARTMENT APPARATUS DISPLAY**  
Phoenix Civic Plaza, South (Third Street)

2:15 pm - 4:00 pm  
**PHOENIX FIRE DEPARTMENT TOURS**  
Buses depart from Phoenix Civic Plaza, South (Third Street)  
*(Registration badge indicates day and time of tour)*
Implementing the Wellness-Fitness Initiative

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.

MODERATOR

Derek Alkonis
Captain
Los Angeles County Fire Department
Los Angeles, California

PANEL

Jill Craig
Wellness-Fitness Coordinator
Austin Fire Department
Austin, Texas

Don Hartsough, PhD, HSPP
Wellness and Fitness Program
Indianapolis Fire Department
Indianapolis, Indiana

Heather Cooper
Wellness Coordinator
Clackamas County Fire Department
Clackamas County, Oregon
Implementing the Fire Fighter Candidate Physical Ability Test

An in-depth discussion of the implementation of the candidate physical ability test program and protocols for prospective fire fighters.

MODERATOR

Scott Peltin
Captain/Paramedic
Phoenix Fire Department
Phoenix, Arizona

PANEL

Tom Carr
Assistant Chief
Montgomery County Fire Department
Montgomery County, Maryland

Katherine Ridenhour
Captain
Aurora Fire Department
Aurora, Colorado

Mike Cacciola
Lieutenant
New York City Fire Department
New York, New York
New Technology in Protective Clothing and Equipment

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 as well as selection, care and maintenance will be addressed.

MODERATOR

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

PANEL

William Haskell
United States Army
Soldiers Biological and Chemical Command
Natick Laboratories
Natick, Massachusetts

Rich Metzler
National Personal Protective Technology Laboratory
National Institute for Occupational Safety and Health
Pittsburgh, Pennsylvania

Jeffrey O. Stull
President
International Personnel Protection, Inc.
Austin, Texas
NFPA 1710 -- Career Fire Department Organization and Deployment

The new NFPA 1710 standard addressing career fire service deployment of fire department resources will be addressed by those involved in its development. A comprehensive review of the scope of new standard will be provided. 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.

MODERATOR

Stephen Foley
Senior Safety Specialist
National Fire Protection Association
Quincy, Massachusetts

PANEL

Alan Brunacini
Fire Chief
Phoenix Fire Department
Phoenix, Arizona

Dennis Compton
Fire Chief
Mesa Fire Department
Mesa, Arizona

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

Franklin Pratt, MD
Medical Director
Los Angeles County Fire Department
Los Angeles County, California
WORKSHOPS “A”

Nutrition and Weight Management in the Fire Service

A detailed discussion on nutrition and weight management programs for fire fighters.

MODERATOR

Orlando Peña
Benefits Director/Wellness Coordinator
Miami Dade County Professional Fire Fighters, Local 1403
Miami, Florida

PANEL

Heather Knox, MS, RD
Nutrition Specialist
Pharmavite
Mission Hills, California

Daniel Kirschenbaum, PhD
Director
Center for Behavioral Medicine and Sports Psychology
Chicago, Illinois

Howard Shapiro, MD
Author
Picture Perfect Weight Loss and New York City Fire Fighters
New York, New York
**WORKSHOPS “A”**

**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**  
Project Officer  
Fire Fighter Fatality and Injury Prevention Project  
National Institute for Occupational Safety and Health  
Morgantown, West Virginia

**PANEL**

**Tom Hodous, MD**  
Medical Officer  
Fire Fighter Fatality and Injury Prevention Project  
National Institute for Occupational Safety and Health  
Cincinnati, Ohio

**Tom Hales, MD**  
Epidemiologist  
Fire Fighter Fatality and Injury Prevention Project  
National Institute for Occupational Safety and Health  
Cincinnati, Ohio

**Frank Washenitz, II**  
Fire Fighter Investigator

**Tom Mezzanotte**  
Fire Fighter Investigator

**Mark McFall**  
Fire Fighter Investigator  
Fire Fighter Fatality Investigation and Prevention Program  
National Institute for Occupational Safety and Health  
Morgantown, West Virginia
NFPA 1710 -- Evaluating Fire Department Performance

Implementing the NFPA 1710 standard utilizing performance measures and computer mapping programs developed by the IAFF. Learn from departments that have utilized IAFF generated tools to establish compliance with NFPA 1710.

MODERATOR

Sean McManus  
Assistant to the General President  
International Association of Fire Fighters  
Ottawa, Ontario

PANEL

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

Alex Forrest  
President  
IAFF Local 867  
Winnipeg, Manitoba

Louis Paulson  
President  
IAFF Local 1230  
Contra Costa County, California
Fire Service Response to Weapons of Mass Destruction

Responding to weapons of mass destruction scenarios is now a reality for the fire service. Learn what every first responder needs to know about chemical and biological agents.

MODERATOR

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

PANEL

Robert Ingram
Battalion Chief
New York City Fire Department
New York, New York

Steve Storment
Assistant Chief
Phoenix Fire Department
Phoenix, Arizona

John Teefy
Captain/Paramedic
Phoenix Fire Department
Phoenix, Arizona
WORKSHOPS “B”

Fire Department Radio Communications

A comprehensive review of the issues, problems and solutions of fire department radio systems and fireground communications.

MODERATOR

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

PANEL

G. Seth Leyman
Project Manager
Communications-Applied Technology
Arlington, Virginia

Bruce Varner
Fire Chief
Carrollton Fire Department
Carrollton, Texas

Mike Worthington
Corporate Vice President and General Manager
Global Market Operations
Motorola Corporation
WORKSHOPS “B”

Peer Fitness Trainer Certification Program

Learn from the oversight committee members of the IAFF’s Peer Fitness Trainer Certification Program.

MODERATOR

Pat Morrison, Lieutenant
Oversight Committee Chairman
Fairfax County Fire Department
Fairfax County, Virginia

PANEL

Derek Alkonis, Captain
Los Angeles County Fire Department
Los Angeles, California

Tony Boyce, Lieutenant
Indianapolis Fire Department
Indianapolis, Indiana

Jill Craig, Wellness-Fitness Coordinator
Austin Fire Department
Austin, Texas

Kevin Malley, Lieutenant
New York City Fire Department
New York, New York

Scott Peltin, Captain/Paramedic
Phoenix Fire Department
Phoenix, Arizona

Olivia Templeton, Professor
Glendale Community College
Glendale, Arizona
Incident Command and Fire Department Safety

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

PRESENTERS

Alan Brunacini
Fire Chief
Phoenix Fire Department
Phoenix, Arizona

Steve Kreis
Assistant Fire Chief
Phoenix Fire Department
Phoenix, Arizona
WORKSHOPS “B”

Behavior Modification and Wellness Fitness Programs

A comprehensive review of the programs addressing behavior modification used to successfully implement a wellness-fitness program and to make the fire fighter well and fit.

MODERATOR

Kim Favorite
Physical Fitness Specialist
Seattle Fire Department
Seattle, Washington

PANEL

Virginia Harris
Director
Behavioral Solutions, LLC
Trenton, New Jersey

Todd Greenwood, PhD
Director of Business Development
Behavioral Solutions, LLC
Trenton, New Jersey

James A. Peterson, PhD, FACSM
Sports Medicine Consultant
Monterey, California

Esther Weekes, EdD
Exercise Psychologist
Austin Police Department
Austin Texas
The IAFF Office is located on Sunday, September 23 in the Navajo A Room, Phoenix Crowne Plaza and from Monday, September 24 through Thursday, September 27 in the South Executive Lounge, 2nd Floor above Lobby Two in the Phoenix Civic Plaza, South. Anyone needing assistance or if there is a need to change workshops or fire department tours, please see IAFF staff in these offices.

Meetings of Friends of Bill W. Monday - Thursday 6:30 am in the Quails Roost Room in the Phoenix Crowne Plaza. This room is available for other Twelve Step Programs during the Symposium through scheduling in the IAFF Office.

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