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“Physiological and Psychological Responses of Firefighters”. Saving Our Own course, University of Illinois Fire Service Institute. Champaign, Illinois, July 18, 1997.

“Heat Stress and Firefighters”. Emergency Medical System Training for Champaign Firefighters. Champaign, Illinois, July 14-16, 1997.

“Assessing Heat Strain During Firefighting Activity”. Technical Meeting on Heat Stress sponsored by the U.S. Department of Energy. Los Alamos, New Mexico, June 25 1996.

“The Impact of Gear Configuration on Heat Stress”. New York State Professional Fire Fighters Association Annual Health and Safety Conference. Montour Falls, New York, October 12, 1995.

“Monitoring physiological heat stress induced by working in heavy protective clothing”. Experimental Biology Conference. Atlanta, Georgia, April 1995.

“Physiological Responses of Women Firefighters to Training Drills”. National Women in the Fire Service Conference. Rockford, Illinois, May 12, 1993.

Heart to Heart: Strategizing an evidence-based approach to reduce CVD in the FS. Washington D.C., December 3-4, 2015. National Fallen Firefighters Foundation. Served as PI on grant and keynote at conference.

National Fire Service Research Agenda Symposium. National Fallen Firefighters Foundation. Arlington, VA, November 15-18, 2015.

Future Directions in CVD Research NFFF/NHLBI. Washington D.C., September 1-2, 2015.

Smart Fire Fighting, Where Big Data and Fire Service Unite. National Institute of Standards and Technology and National Fire Protection Association/Fire Protection Research Foundation. Arlington, VA, March 24-25, 2014.

Safety, Health and Survival Section of the International Association of Fire Chiefs, Summit on Physicals for Firefighters. International Association of Fire Chiefs. Tampa, FL, March 13, 2014.

Tampa 2, 10th Anniversary of the Firefighter Life Safety Initiatives: Building for the Future. National Fallen Firefighters Foundation. Tampa, FL, March 10-12, 2014.

Vulnerability Assessment Project: Phase I Concludes. National Fallen Firefighters Foundation. Linthicum, MD, July 26, 2011.

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Nogueira, R.M., Soares, E.M.K., Nogueira, E.C., Gomes, J., Molina, G.E., Fontana, K.E., Korre, M., Kales, S.N., Junqueira Jr., L.F., Porto, L.G.G. Exploring Factors Related to Blood Pressure Increase After A 12-hour Shift-work in Firefighters. Presented at the American College of Sports Medicine's 64th Annual Meeting, Orlando, FL, May 29-Jun 2, 2019.

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Mattila, T.A., Petruzzello, S.J., Horn, G., "Cognitive Behavior on a Continuous Performance Task Following Short-Term Firefighting Activity." Presented at the American College of Sports Medicine's 58th Annual Meeting, Denver, CO, May 31-June 4, 2011.

Petruzzello, S.J. and Perceptual and Physiological Heat Strain: Examination in Firefighters Performing Simulated Firefighting Activities in the Heat. Presented at the annual conference of the American College of Sports Medicine, Denver, CO, June, 2006.

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Misner, J.E., Patric, T., Meirelles, E., Schmale, J. Changes in left ventricular volumes during two minutes sustained maximal isometric exercise and post-exercise occlusion. Presented at the annual meeting of the American Physiological Society, Colorado Springs, CO, September, 1992.

Echocardiographic measurements of Doppler velocities and stroke volume during maximal handgrip exercise. Presented at the annual meeting of the American Heart Association, Chicago, IL, July, 1992.

Patric, T., Meirelles, E., Misner, J.E. Cardiovascular responses to sustained maximal isometric contraction and post-exercise occlusion. Presented at the annual meeting of The Federation of American Societies for Experimental Biology, Anaheim, CA, April, 1992.

Misner, J.E., Essandoh, L.K. Doppler echocardiographic measurements of flow velocity in the ascending aorta during sustained maximal isometric contractions. Presented at the American College of Sports Medicine Annual Meeting, Orlando, FL, May, 1991.

Misner, J.E., Massey, Bloomfield, D.K., Essandoh, L.K. Cardiovascular responses to two minutes of sustained maximal isometric contractions of the finger flexors. Presented at the annual meeting of the American Physiological Society, Orlando, FL, October, 1990.

Bender-Schmale, J., O'Conner, R., Misner, J.E., Essandoh, L.K. Effect of two minute maximal handgrip exercise on the ascending aortic diameter. Presented at the American College of Sports Medicine Annual Meeting, Salt Lake City, UT, 1990.

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and Gewe, S.C. A proposed diet for wheelchair athletes recovering from integumentary trauma. Presented at the Nutrition and Behavior Conference, Champaign, IL, September, 1988.

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First Responder Health and Safety Laboratory Video: Effect of Heat Stress and Dehydration on Cardiovascular Function AFG-funded Study. March 9, 2015.

International Association of Fire Chiefs, Webinar Panelist, "Saving Your Life Through Scientific Research", January 13, 2015.

Fire Engineering Talk Radio, Episode 738: Firemedically Speaking, "Sudden Cardiac Events in Firefighters". March 14, 2014.

Fire Engineering Webcast, "Understanding the Physical Effects of Firefighting". February 20, 2014.

Christian Science Monitor, "Why firefighter deaths have hit historic lows", June 17, 2013.

Discovery Channel. "Firefighting Burn". Daily Planet. January 25th, 2006.

Advanced Rescue Technology. "Firefighter Health Expert Says You Can Do It". Interviewed by Kathryn Robyn. October/November, 2004.

Fire and Emergency Training Network -American Heat Series. "Heat, Heart, and Health", September 2002.

Fire and Emergency Training Network - Fireside Chat Series. "Firefighter Fitness", September 2002.

National Public Radio, "The Best of Our Knowledge" - aired by 83+ stations.

National Public Radio, "The Health Show" - aired by 142+ stations.

WICD (2x) – Central Illinois Television News Station –

Technology for Emergency Responders)". \$1,500,000 (Denise Smith, Principal Investigator). Applied: May 2016. Awarded: September, 2016.

Department of Homeland Security. United States Fire Administration – Assistance to Firefighters Grant Program: Fire Prevention and Safety Grant. "Cardiovascular and Carcinogenic Risks in Training Structures". \$1,500,000 (Denise Smith, Principal Investigator with Gavin Horn). Applied: March 2016. Awarded: September, 2016.

Department of Homeland Security. United States Fire Administration – Assistance to Firefighters Grant Program: Fire Prevention and Safety Grant. "ALIVE Training: Cardiovascular Health of Firefighters", subcontract to New York University Polytechnic Institute. \$100,000 (Denise Smith, Principal Investigator at Salidmore College). Applied: March 2015. Awarded: October, 2015.

Department of Homeland Security. United States Fire Administration – Assistance to Firefighters Grant Program: Fire Prevention and Safety Grant. "Cardiovascular and Carcinogenic Risks Associated with Realistic Firefighting Environments". \$1,500,000 (Denise Smith, Principal Investigator with Gavin Horn). Applied: March 2014. Awarded: September, 2014.

Department of Homeland Security. United States Fire Administration – Assistance to Firefighters Grant Program: Research and Development Grant. "Understanding and Preventing SCD in the Fire Service". \$1,469,000 (Denise Smith, Principal Investigator). Applied: March 2014. Awarded: August, 2014.

Department of Homeland Security. United States Fire Administration – Assistance to Firefighters Grant Program: Research and Development Grant. "Non-invasive Identification of LVH/Cardiomegaly in Firefighters". \$999,900 (Denise Smith, co-investigator; Stefanos Kales, Harvard, PI). Awarded: Sept 2012.

Department of Homeland Security. Science and Technology Directorate. "Physiological Health Assessment Systems for Emergency Responders – Rapid Product Development Center", subcontract to UCLA. Funding Request: \$200,000 (Denise Smith, Principal Investigator at Salidmore College). Applied: December, 2011. Awarded: May, 2012.

Department of Homeland Security. United States Fire Administration – Assistance to Firefighters Grant Program: Research and Development Grant. "Effect of Dehydration and Heat Stress on Vascular and Hemostatic Function". \$999,997 (Denise Smith, Principal Investigator; Patricia Fehling, Co-PI). Applied: February, 2011. Awarded: June 17, 2011.

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