

NIOSH Annual Science Awards 2014

Congratulations Awardees!

James P. Keogh Award

Albert E. Munson, Ph.D.

Alice Hamilton Award

EDUCATION AND GUIDANCE

Awardee: Hartley D, Ridenour M, Craine J, Costa B

Workplace Violence Prevention for Nurses

Honorable Mention: Albers J, Hudock S, Lowe B, Thorkelson N

Straight Talk about Nail-gun Safety

Honorable Mention: MacDonald LA, Waters TR, Napolitano PG, Goddard DE, Ryan MA, Nielsen P, Hudock SD

Clinical Guidelines for Occupational Lifting in Pregnancy: Evidence Summary and Provisional Recommendations

ENGINEERING AND CONTROLS

Awardee: Simeonov P, Hsiao H, Powers J, Kim I-J, Kau T-Y, Weaver D

Research to Improve Extension Ladder Angular Positioning

Honorable Mention: Zhuang Z, Shu C, Xi P, Bergman M, Joseph M

Head-and-face Shape Variations of U.S. Civilian Workers

EPIDEMIOLOGY AND SURVEILLANCE

Awardee: Menéndez CKC, Amandus HE, Damadi P, Wu N, Konda S, Hendricks SA

Effectiveness of Taxicab Security Equipment in Reducing Driver Homicide Rates

Honorable Mention: Daniels RD, Kubale TL, Yiin JH, Dahm MM, Hales TR, Baris D, Zahm SH, Beaumont JJ, Waters KM, Pinkerton LE

Mortality and Cancer Incidence in a Pooled Cohort of U.S. Firefighters from San Francisco, Chicago and Philadelphia (1950–2009)

EXPOSURE AND RISK ASSESSMENT

Awardee: Esswein EJ, Breitenstein M, Snawder J, Kiefer M, Sieber WK

Occupational Exposures to Respirable Crystalline Silica during Hydraulic Fracturing

Honorable Mention: Zumwalde R, Kuempel E, Birch E, Trout D, Castranova V

Occupational Exposure to Carbon Nanotubes and Nanofibers. Current Intelligence Bulletin 65

METHODS AND LABORATORY SCIENCE

Awardee: Mercer RR, Scabilloni JF, Hubbs AF, Wang L, Battelli LA, McKinney W, Castranova V, Porter DW

Extrapulmonary Transport of MWCNT Following Inhalation Exposure

Honorable Mention: Erdely A, Dahm M, Chen BT, Zeidler-Erdely PC, Fernback JE, Birch ME, Evans DE, Kashon ML, Deddens JA, Hulderman T,

Bilgesu SA, Battelli L, Schwegler-Berry D, Leonard HD, McKinney W, Frazer DG, Antonini JM, Porter DW, Castranova V, Schubauer-Berigan MK

Carbon Nanotube Dosimetry: From Workplace Exposure Assessment to Inhalation Toxicology

Bullard-Sherwood Research-to-Practice (r2p) Award

KNOWLEDGE

Awardee: Hsiao H, Whisler R, Zwiener J, Weaver D, Amendola A, Powers J, Guan J, Simeonov P, Current R, Newbraugh B, Hill G

Sizing Firefighters and Fire Apparatus—Safe by Design

INTERVENTION

Awardee: Dubaniewicz T Jr., DuCarme J, Srednicki J

Battery Safety Enhancements for Underground Coal Mines

TECHNOLOGY

Awardee: Simeonov P, Hsiao H, Powers J, Weaver D

Effectiveness of Extension-ladder Safety Innovations: Development and Dissemination of the First NIOSH Smartphone App—Ladder Safety

Honorable Mention: Stefaniak A, LeBouf R, Chen TH, Frazer D, Virji MA

Development and Validation of a Consensus Standard Test Method for Measurement of Airborne Metal and Metal Oxide Nanoparticle Surface Area Concentration in Inhalation Exposure Chambers using Krypton Gas Adsorption

Director's Intramural Award for Extraordinary Science

DISTINGUISHED CAREER SCIENTIST

Mark R. Stephenson, Ph.D.

EARLY CAREER SCIENTIST

Michael Flynn

SCIENTIFIC SUPPORT

John C. Clark