

NIOSH Annual Science Awards 2016

Congratulations Awardees!

James P. Keogh Award

Thomas R. Waters, Ph.D.

Alice Hamilton Award

EDUCATION AND GUIDANCE

Awardee: Jason Navoyski; Brendan Macdonald; William Helfrich; Michael J. Brnich, Jr.; Launa G. Mallett; David Beshero; Patrick Roth (Retired)

BG 4 benching trainer software: instructors guide.

Honorable Mention: Kevin H. Dunn, Lauralynn McKernan, Alberto Garcia

Best practices: engineering controls, work practices, and exposure monitoring for occupational exposures to diacetyl and 2,3-pentanedione.

ENGINEERING AND CONTROLS

Awardee: Lewis A. Martin, Curtis C. Clark, Joseph B. Seymour, Michael A. Stepan

Shotcrete design and installation compliance testing: early strength, load capacity, toughness, adhesion strength, and applied quality.

Honorable Mention: C. Özgen Karacan

Modeling and analysis of gas capture from sealed sections of abandoned coal mines.

Honorable Mention: Samy Rengasamy, Deborah Sbarra, Julian Nwoko, Ronald Shaffer

Resistance to synthetic blood penetration of National Institute for Occupational Safety and Health-approved N95 filtering facepiece respirators and surgical N95 respirators.

EPIDEMIOLOGY AND SURVEILLANCE

Awardee: Guang Xiang Chen, Karl Sieber, Jennifer Lincoln, Jan Birdsey, Ted Hitchcock, Akinori Nakata, Cynthia Robinson (Retired), Jim Collins, Marie Sweeney

NIOSH national survey of long-haul truck drivers: injury and safety.

Honorable Mention: Suzanne M. Marsh, David E. Fosbroke

Trends of occupational fatalities involving machines, United States, 1992–2010.

EXPOSURE AND RISK ASSESSMENT

Awardee: Matthew M. Dahm, Mary K. Schubauer-Berigan, Douglas E. Evans, M. Eileen Birch, Joseph E. Fernback, James A. Deddens

Carbon nanotube and nanofiber exposure assessments: an analysis of 14 site visits.

Honorable Mention: Thomas W. McDowell, Christopher Warren, Xueyan S. Xu, Daniel E. Welcome, Ren G. Dong

Laboratory and workplace assessments of rivet bucking bar vibration emissions.

METHODS AND LABORATORY SCIENCE

Awardee: Krishnan Sriram, Gary Lin, Amy Jefferson, Samuel Stone, Aliakbar Afshari, Michael Keane, Walter McKinney, Mark Jackson, Bean Chen, Diane Schwegler-Berry, Amy Cumpston, Jared Cumpston, Jenny Roberts, David Frazer, James Antonini

Modifying welding process parameters can reduce the neurotoxic potential of manganese-containing welding fumes.

Honorable Mention: Hyeon Ung Shin, Aleksandr B. Stefaniak, Nenad Stojilovic, George G. Chase

Comparative dissolution of electrospun Al₂O₃ nanofibres in artificial human lung fluids.

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

KNOWLEDGE

Awardee: Christine Branche, Pietra Check, Christina Spring, Nura Sadeghpour, Amy Filko, Fred Blosser, Matt Gillen, G. Scott Earnest, Elizabeth Garza, Jasmine Taylor, Christopher Pan, Tom Bobick, Nancy Romano, Pete Stafford, Chris Trahan, Eileen Betit, Jessica Bunting, Mary Watters, Clayton Sinyai, Jim Maddux, Frank Meilinger, Dean McKenzie, Debbie Berkowitz, NORA Construction Sector Council

The national construction falls prevention campaign and safety stand-down

INTERVENTION

Awardee: James Green, Steve Spata

Partnering with industry to build safe EMS work environments

Honorable Mention: Michael Flynn, Pietra Check, Amy Filko, Nura Sadeghpour

Partnership to increase health equity among Spanish-speaking immigrant workers (consulates)

TECHNOLOGY

Awardee: Jennifer Lincoln, Devin Lucas, Theodore Teske, Chelsea Woodward, Grant King, Christy Forrester, Charles Bond, James Cermak

Epidemiology and engineering safety for the fishing industry

Director’s Intramural Award for Extraordinary Science

DISTINGUISHED CAREER SCIENTIST

Gayle DeBord, Ph.D.

EARLY CAREER SCIENTIST

Alysha Meyers, Ph.D.

SCIENTIFIC SUPPORT

Barbara Cromer