

NIOSH Science Awards 2016

James P. Keogh Award

Alice Hamilton Award

Bullard-Sherwood (r2p) Award

Director's Intramural Award

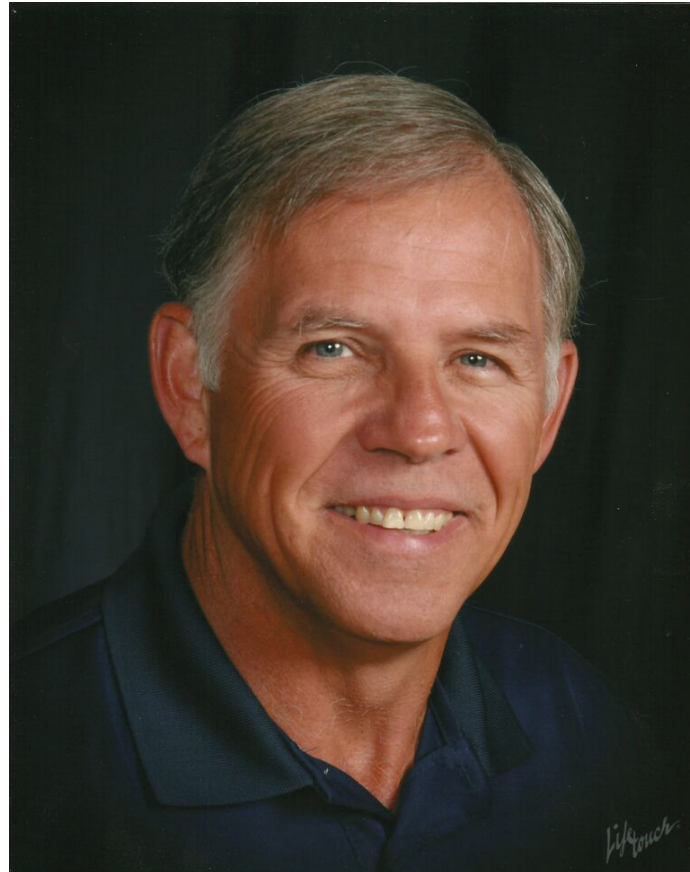
April 28, 2016 | Morgantown, WV

2016 James P. Keogh Award



Recognizing one current
or former NIOSH employee
for exceptional service
in occupational safety
and health

Presented to
Thomas R. Waters, Ph.D.



Anne Schuchat, M.D.,
Principal Deputy Director, CDC



Alice Hamilton Award



For excellence in occupational safety and health

Award Categories

- Education and Guidance
- Engineering and Controls
- Epidemiology and Surveillance
- Exposure and Risk Assessment
- Methods and Laboratory Science

Education and Guidance

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.

[2015]. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2015-189c

Pittsburgh

Education and Guidance 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.

[2015]. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2015-197

Cincinnati: Hamilton, Taft

Engineering and Controls

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.

[2015]. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2015-107

Spokane

Engineering and Controls Honorable Mention

C. Özgen Karacan

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

[2015]. Int J Coal Geol (138):30–41

Pittsburgh

Engineering and Controls 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.

[2015]. Am J Infect Control 43(11):1190–1196

Morgantown • Pittsburgh

Epidemiology and Surveillance

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.

[2015]. *Accid Anal Prev* 85:66–72

Cincinnati: Hamilton, Taft • Morgantown

Epidemiology and Surveillance Honorable Mention

Suzanne M. Marsh, David E. Fosbroke

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

[2015]. Am J Ind Med 58(11):1160–1173

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Exposure and Risk Assessment

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.

[2015]. Ann Occup Hyg 59(6):705–723

Cincinnati-Hamilton

Exposure and Risk Assessment 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.

[2015]. Ann Occup Hyg 59(3):382–397

Morgantown • Cincinnati-Hamilton

Methods and Laboratory Science

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.

[2015]. Toxicology 328:168–178

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Methods and Laboratory Science Honorable Mention

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

Comparative dissolution of electrospun Al_2O_3
nanofibres in artificial human lung fluids.

[2015]. Environ Sci Nano 2(3):251–261

Morgantown

2016 Bullard-Sherwood r2p Award

For outstanding application of occupational safety and health research

Award Categories

- Knowledge
- Intervention
- Technology



Recognizing excellence in translating research into practice

Knowledge

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

Morgantown • Washington • Cincinnati

Intervention

James Green, Steve Spata

Partnering with industry to build safe EMS
work environments

Morgantown

Intervention Honorable Mention

Michael Flynn, Pietra Check, Amy Filko,
Nura Sadeghpour

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

Cincinnati-Taft • Washington, DC

Technology

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

Epidemiology and engineering safety for the
fishing industry

Anchorage • Spokane • Washington

2016 Director's Intramural Award for Extraordinary Science

Recognizes outstanding contributions by intramural scientists and support staff to science excellence at NIOSH

Award Categories

- Distinguished Career Scientist
- Early Career Scientist
- Scientific Support

Pittsburgh

Distinguished Career Scientist

Gayle DeBord, Ph.D.



Cincinnati-Hamilton

Early Career Scientist

Alysha Meyers, Ph.D.



Cincinnati-Hamilton

Scientific Support

Barbara Cromer



Cincinnati-Taft

Congratulations to all of our winners!

Reception immediately following the awards ceremony