

Appendix 3: Curriculum Vitae – Traumatic Injury Research Staff

Name: Harlan E. Amandus

Title: Chief, Analysis and Field Evaluations Branch

Discipline: Epidemiology

Division/Office: Division of Safety Research/Analysis and Field Evaluations Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-6000

NIOSH Employment: 1970-1996; March 2006-present

Education:

University of California at Los Angeles: BS in Mathematics - 1969

University of California at Los Angeles, MS in Biostatistics - 1970

University of North Carolina at Chapel Hill: Ph.D. in Epidemiology - 1982.

Professional Certifications: None

Research Interests: Workplace Violence, injury intervention evaluation

Memberships:

National Committee Assignments:

Honors:

Recent Publications:

H. E. Amandus, R.D. Hunter, E. James S. Hendricks (1995): Reevaluation of the effectiveness of environmental designs to reduce robbery risk in Florida convenience stores. *J. Occup. Environ. Med.* 37: 711-717.

H.E. Amandus (1995): Status of NIOSH research on Prevention of robbery-related international injuries to convenience store workers (Overview of the evidence). "Questions and Answers in Lethal and Nonlethal Violence". Edited by C.R. Block and R. Block. National Institute of Justice-Research Report: Proceedings of the Homicide Research Working Group, Atlanta, Georgia, January 18, 1995, Washington, DC.

H.E. Amandus, D. Zahm, R. Friedmann, R.B. Ruback, C. Block, C. Wellford, T. Bynum, et.al. (1996): Employee injuries and convenience store robberies in selected metropolitan areas. *JOEM*, 38(7), 714-720.

H.E. Amandus, S.A. Hendricks, D. Zahm, R. Friedmann, C. Block, C. Wellford, T. Bynum, et.al. (1997): Convenience store robberies in selected metropolitan areas: risk factors for employee injury. *JOEM*, to be published, May issue.

Boyles, Gerberich, S., Amandus, H.E. et al (1997): Cattle Injuries on Dairy Farms, *J. Epidemiology*.

Hendricks SA, Landsittel DP, Amandus HA, Malcan J, and Bell J (1999). A Case-Control Study of Convenience Store Robbery, *Journal of Occupational and Environmental Medicine*, 41, 995-1004.

Name: Alfred A. Amendola

Title: Chief, Safety Controls Team

Discipline: Safety Engineering

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-6386

NIOSH Employment: September 8, 2002

Education:

Ph.D., Industrial Engineering (Human Factors/Ergonomics), Texas A&M University, 1989

Professional Certifications:

Certified Professional Ergonomist Board of Certification in Professional Ergonomics Number 490

Research Interests: Safety Engineering, Ergonomics

Memberships:

Member of the Human Factors and Ergonomics Society

Member of the American Industrial Hygiene Association

Member of the American Conference of Governmental Industrial Hygienists

National Committee Assignments:

American Industrial Hygiene Association--(Engineering Committee Member, Committee Secretary 1983-1984, Committee Vice-Chairman 1984-85, Ergonomics Committee Member 1995-1997 and 2003-2006, Member of the Safety Committee 2003-2006)

American Conference of Governmental Industrial Hygienists--(Member of the Engineering Control Technology Committee 1985-1988)

Honors:

Public Health Service Awards:

Citation - 1978
Unit Commendation - 1989, 1995
Commendation Medal - 1991
Outstanding Service Medal - 1992
Outstanding Unit Citation - 1993
The Special Assignment Service Ribbon – 1993

Military Awards:

Air Medal (eight oak leaf clusters)
Vietnam Service Medal
Vietnam Campaign Medal

NIOSH:

Bullard-Sherwood Award for Research2Practice (Honorable Mention) - 2005

Recent Publications:

Al-Eisawi, K. W., Kerk, C. J., Congleton, J. J., Amendola, A. A., Jenkins, O. C., and Gaines, W.G., Jr. “Factors affecting minimum push and pull forces of manual carts”, Applied Ergonomics, 30(3), 235-245, 1999.

Bales, D., Craig, B., Congleton, J., Kerk, C., Amendola, A., Gaines, W., Jenkins, O., “The influence of supporting the oxylog instrumentation estimated maximal aerobic capacity during a step test and heart rate in a lifting test”, Applied Ergonomics, 32(4), pp 367-377, July 2001.

Craig, B. N., Congleton, J. J., Kerk, C. J., Amendola, A. A., Gaines, W. G., and Jenkins, O. C., A Prospective Field Study of the Relationship of Potential Occupational Risk Factors with Occupational Injury/Illness. American Industrial Hygiene Association Journal, 64: May/June 2003, pp 376-387.

Amendola, A. A. and Etherton, J. R., “System Safety Similarities to Control Banding”, Poster Presentation at the 2nd International Control Banding Workshop: Validation and Effectiveness of Control Banding, March 1-2, 2004, Cincinnati, Ohio.

Craig, B. N., Congleton, J. J., Kerk, C. J., Amendola, A. A., and Gaines, W. G., A Prospective Field Study of the Relationship of Potential Personal and Non-occupational Risk Factors with Occupational Injury/Illness. American Journal of Industrial Medicine, Submitted October 2004.

Amendola, A. A. and Craig, B. N. “A Holistic View of Potential Risk Factors for Workers”, Poster Presentation at the Steps to a Healthier U. S. Workforce Symposium, October 26-28, 2004, Washington, D.C.

Craig, B. N., Congleton, J. J., Kerk, C. J., Amendola, A. A., and Gaines, W. G., Personal and Non-occupational Risk Factors and Occupational Injury/Illness. *American Journal of Industrial Medicine*, 49(4), 2006, pp 249-260.

Name: Douglas E. Ammons

Title: Computer Engineer

Discipline: Computer Engineering/Electronics Engineering Technology

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, M/S-G800, Morgantown, WV 26505

Telephone: 304-285-6223

NIOSH Employment: December 20, 1998

Education:

B.S., Computer Engineering, West Virginia University, 1999

B.S., Electronics Engineering Technology, Fairmont State University, 1995

Professional Certifications: None

Research Interests: Applying virtual reality to study falls from elevation, and other situations that are too dangerous to study in a real environment; the application of digital human modeling in human factors research; the application of electronic systems to improve machine safety.

Memberships: None

National Committee Assignments: None

Honors: None

Recent Publications:

Hsiao H, Simeonov P, Dotson B, Ammons D, Kau T, Chiou S [2005]. “Human responses to augmented virtual scaffolding models,” *Ergonomics* 48 (10) 1223-1242.

Simeonov P, Hsiao H, Dotson B, Ammons D [2005]. “Height Effects in Real and Virtual Environments,” *Hum Factors* 47(2):Jun-Aug 430-438

Newbraugh B, Pratt S, Ammons D, Beaupre J, Fosbroke D, Fox J, Griffin C, Hammer R, Markovich S, Hause M, Merinar T, Powers J, Hendricks S [2005]. “Evaluating Roadway Construction Work Zone Interventions,” *Lifesavers Conference*, March 13-15.Charlotte, NC

Simeonov P, Hsiao H, Amendola A, Powers J, Ammons D, Kau D, Cantis D [2005]. “Footwear Effects On Workers’ Instability In a Virtual Roof Workplace,” *American Industrial Hygiene*

Conference and Exposition (AIHCE) {May 21-26} Anaheim, California. Fairfax Va: American Industrial Hygiene Association, 49

Pan CS, Chiou S, Kau Y, Ammons D, Cantis D [2005]. “Biomechanical Evaluations of foot placement for construction workers on stilts,” *American Industrial Hygiene Conference and Exposition (AIHCE)* {May 21-26} Anaheim, California. Fairfax, Va: American Industrial Hygiene Association 48

Harris J, Ammons D, Whisler R, Spahr J, Jackson L [2005]. “PPE design: A new technique for assessing safety eyewear coverage with international results,” *XVIIth World Congress on Safety and Health at Work*; Sept 18-22; Orlando, Florida

Simeonov P, Hsiao H, Dotson B, Ammons D, [2002]. “Comparing Standing Balance at Real and Virtual Elevated Environments,” *Proc Hum Fact Erg Soc 46th Ann Meeting* {September 29 - October 4} Baltimore, MD pp. 2169-2173

Ammons D, Powers J, Newbraugh B [2003]. “Caught-In Injury Protection System For Wood Chippers,” *National Occupational Injury Research Symposium [NOIRS]-2003* {October 28-30} Pittsburgh, Pennsylvania p. H3.3

Simeonov P, Hsiao H, Ammons D [2003]. “Postural Adaptation at Elevated and Sloped Surfaces,” *NOIRS 2003 Abstracts of the National Occupational Injury Research Symposium* {October} Pittsburgh, Pennsylvania p. 84

Simeonov P, Hsiao H, Dotson B, Ammons D [2003]. “Control and Perception of Balance at Elevated and Sloped Surfaces,” *Human Factors* 45(1):{Spring} 136-147

Guan J, Hsiao H, Current R, Powers J, Ammons D [2003]. “Traumatic Injury Potential to Seat Belted Operator during a Rearward Overturn of a ROPS Equipped Farm Tractor,” *NORA 2003 National Occupational Research Agenda* {June 23-24}:Arlington, Virginia p. 51

Name: Jennifer Beaupre

Title: Health Scientist

Discipline: General science

Division/Office: Division of Safety Research/Surveillance and Field Investigations Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-6185

NIOSH Employment: May 18, 2003

Education:

BSF, Wood Science, West Virginia University, Morgantown, WV 1998

MS, Safety Management, West Virginia University, Morgantown, WV 2003

Professional Certifications:

40 hour Hazwoper, OSHA 500 (Construction Train-the-Trainer), Emergency Training and Response

Research Interests: Roadway Construction Injuries, Transportation-Related Injuries

Recent Publications:

NIOSH [2005]. Making highway work zones safer for you and your workers. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, unnumbered NIOSH document.

NIOSH [2005]. Finding ways to make highway work zones safer for you. Pittsburgh, PA: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, unnumbered NIOSH document.

Name: Jennifer L. Bell

Title: Research Epidemiologist

Discipline: Epidemiology

Division/Office: Division of Safety Research/Analysis and Field Evaluations Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road MS-1811, Morgantown, WV 26505

Telephone: 304-285-5802

NIOSH Employment: February 1998

Education:

Ph.D. in Wildlife Biology, West Virginia University, Morgantown, WV, December 1997

M.S. in Wildlife and Fisheries Resources, West Virginia University, Morgantown, WV, August 1994

B.S. in Biology, Ursinus College, Collegeville, PA, May 1992

Research Interests: Slips, trips, and falls; logging injuries; traumatic injury

Honors:

Forest Resources Association Technical Writing Award, 2006, for "Mechanized felling reduces West Virginia WCI claims"

2006 National Occupational Research Agenda (NORA) Partnering Award for Worker Safety and Health for "Slips, trips, and falls prevention in healthcare workers", group award.

2005 Alice B. Hamilton Science Award - Human Studies Category, for Collins, J., Wolf, L., Bell, J., Evanoff, B. 2004. An evaluation of a best practices musculoskeletal injury prevention program in nursing homes. *Injury Prevention* 10:206-211.

2003 National Occupational Research Agenda (NORA) Partnering Award for Worker Safety and Health for "An Evaluation of a "Best Practices" Musculoskeletal Injury Prevention Program in Nursing Homes" by Collins, J., Wolf, L., Bell, J., Evanoff, B.

2000 Alice Hamilton Science Award - Honorable Mention, Human Studies Category, for Hendricks et al. 1999

Recent Publications:

Mujuru, P., Singla, L., Helmkamp, J., Bell, J.L., and Hu, W. 2006, *in press*. Evaluation of the burden of logging injuries using West Virginia workers' compensation claims data from 1996-2001. *American Journal of Industrial Medicine*.

Bell, JL, and Grushecky, ST. 2006. Evaluating the effectiveness of a logger safety training program. *Journal of Safety Research*. 37:53-61.

Bell, JL. 2005. Mechanized felling reduces West Virginia WCI claims. *Forest Operations Review*. 7(3):26-27.

Fact Sheet: Mechanical timber harvesting reduces workers' compensation injury claims in West Virginia. April 2005. DHHS (NIOSH) Publication No. 2005-19.

Helmkamp JC, Bell JL, Lundstrom WJ, Ramprasad J, Haque A. 2004. Assessing safety awareness and knowledge and behavioral change among West Virginia loggers. *Injury Prevention* 10:233-238.

Collins JW, Wolf L, Bell J, Evanoff B. 2004. An Evaluation of a "Best Practices" Back Injury Prevention Program in Nursing Homes. *Injury Prevention* 10:206-211.

Bell, JL, Helmkamp JC. 2003. Non-fatal injuries in the West Virginia logging industry: Using workers' compensation claims to assess risk from 1995 through 2001. *American Journal of Industrial Medicine* 44(5):502-509.

Wang J, Bell JL, Grushecky ST. 2003. Logging injuries for a 10-year period in Jilin Province, People's Republic of China. *Journal of Safety Research* 34(3):273-279.

Bell, JL, MacDonald, LA. 2003. Hand Lacerations and Job Design Characteristics in Line-Paced Assembly. *Occupational and Environmental Medicine* 45(8):848-856.

Bell, JL. 2002. Changes in logging injury rates associated with use of feller-bunchers in West Virginia. *Journal of Safety Research* 33(4): 463-471.

Bell JL, Gardner LI, Landsittel DP. 2000. Slip and fall injuries in relation to environmental cold and work location in above-ground coal mining operations *American Journal of Industrial Medicine* 38:40-48.

Hassi J, Gardner LI, Hendricks SA, Bell JL. 2000. Occupational injuries in the mining industry and their association with statewide cold ambient temperatures in the USA. *American Journal of Industrial Medicine* 38:49-48.

Hendricks SA, Landsittel DP, Amandus HE, Malcan J, Bell JL. 1999. A matched case-control study of convenience store robbery risk factors. *Journal of Occupational and Environmental Medicine* 41: 995-1004.

Name: Stephen Berardinelli

Title: Safety and Occupational Health Specialist

Discipline: Safety/Industrial Hygiene

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-5801

NIOSH Employment: 1991

Education:

BS, Chemistry, West Virginia University, 1987

MS, Occupational Safety and Health Engineering, West Virginia University, 1991

Professional Certifications:

Certified Industrial Hygienist (CIH) by American Board of Industrial Hygiene, 1999

Indoor Environmental Quality (IEQ) by American Board of Industrial Hygiene, 2000

Research Interests: To expedite the National Institute for Occupational Safety and Health goals to identify and help correct occupational safety and health issues for the Nation's workers and emergency responders.

Memberships:

American Board of Industrial Hygiene

American Industrial Hygiene Association

American Conference of Governmental Industrial Hygienists

National Committee Assignments:

Honors:

Recent Publications:

Moyer ES, Berardinelli S [2006]. Performance of selected N-, R-, and P-series filters against exposure to diesel exhaust particulate. *Journal of Occupational & Environmental Hygiene*. *In journal review*

Moyer ES, Fotta S, Hayes J, Commadore, Berardinelli S [2006]. Real-time evaluation of ventilation filter-bank systems. *Journal of Occupational & Environmental Hygiene*. *In press*

Berardinelli S; Guglielmo C [2006]. Silo explosion at a lumbar company - a case study on extinguishing a fire in an oxygen-limiting silo [Abstract]. American Industrial Hygiene Conference and Expo, May 13-16, 2006, Chicago, Illinois. American Industrial Hygiene Association: Fairfax, Virginia. <http://www.aiha.org/abs06/ps401.htm>

NIOSH [2006]. Career Battalion Chief and Career Master Fire Fighter Die and Twenty-Nine Career Fire Fighters are Injured during a Five Alarm Church Fire – Pennsylvania. By Berardinelli S, Oerter B, Tarley J, Merinar T. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2004-17.

Berardinelli S, McFall M, Merinar T, Baldwin [2006]. NIOSH Line-of-duty death report: career fire chief dies & two career firefighters are injured in Ohio house fire flashover. *FireRescue* 24(4).

NIOSH [2005]. Career Fire Fighter Dies and Two Career Fire Fighters Injured in a Flashover During a House Fire – Ohio. By Berardinelli S, McFall M, Merinar T, Baldwin T. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-12.

NIOSH [2004]. Two fire fighters die and eight are injured from a silo explosion - Ohio. By Berardinelli S, Guglielmo C, McFall M. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-32.

Berardinelli S, Guglielmo C, Tarley J [2004]. NIOSH reports on collapse, vehicle deaths. *Fire Chief* 48(9):12.

Berardinelli S, Lutz V, Farmer A [2004]. NIOSH reports on rollover, collapse deaths. *Fire Chief* 48(7):10.

NIOSH [2004]. Partial roof collapse in commercial structure fire claims the lives of two career fire fighters – Tennessee. By Tarley J, Berardinelli S, McFall M, Merinar-T. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-18.

NIOSH [2004]. Career fire fighter dies searching for fire in a restaurant/lounge - Missouri. By Oerter B, McFall M, Berardinelli S. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2004-10.

NIOSH [2004]. Career fire fighter dies from injuries received during a chimney and structural collapse after a house fire - Pennsylvania. By Berardinelli S, Guglielmo C, Tarley J. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-04.

NIOSH [2004]. Off-duty career fire fighter dies and another off-duty career fire fighter is injured after being struck by a truck while assisting at a highway traffic incident - Florida. By Berardinelli S, Romano N, Tarley J. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-35.

NIOSH [2004]. Career fire fighter/emergency medical technician dies from injuries sustained in fall from apparatus - California. By Lutz V, Berardinelli S. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-07.

NIOSH [2004]. A summary of health hazard evaluations: issues related to occupational exposure to fire fighters, 1990 to 2001. Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Publication No. 2004-115.

NIOSH [2003]. Volunteer lieutenant dies following structure collapse at residential house fire - Pennsylvania. By Tarley J, Lutz V, Berardinelli S. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-49.

NIOSH [2003]. Volunteer Assistant Chief Dies in Tanker Rollover - New Mexico. By Berardinelli S, Lutz V, Farmer A. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-23.

NIOSH [2003]. Career lieutenant and fire fighter die in a flashover during a live-fire training evolution - Florida. By Romano N, Tarley J, Berardinelli S. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-34.

NIOSH [2003]. Career fire fighter dies after roof collapse following roof ventilation - Iowa. By Tarley J, Frederick L, Berardinelli S. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-40.

Duling M, Berardinelli S; Calvert C; Lawrence R; Coffey C [2003]. Microbiological contamination of HVAC filters [Abstract]. American Industrial Hygiene Conference and Expo, Dallas, TX. American Industrial Hygiene Association: Fairfax, VA.
<http://www.aiha.org/aihce03/handouts.htm>

Ortega HG, Daroowalla F, Petsonk EL, Lewis D, Berardinelli S, Jones W, Kreiss K, Weissman D [2001]. Respiratory symptoms among crab processing workers in Alaska: epidemiological and environmental assessment. *Am J Ind Med* 39:598–607.

Name: Elyce Anne Biddle, Ph.D.

Title: Senior Economist

Discipline: Economics

Division/Office: Division of Safety Research/Analysis and Field Evaluations Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-6015

NIOSH Employment: July 1996

Education:

PhD, Occupational Safety and Health, West Virginia University, Morgantown, WV, 2004

MS, Agricultural and Resource Economics, West Virginia University, Morgantown, WV, 2001

MBA, Business Administration (Economics), University of New Mexico, Albuquerque, NM, (35 of 42 hours completed in the “3/2” program), 1985

BA, Economics University of New Mexico, Albuquerque, NM: (Summa Cum Laude), 1985

Professional Certifications: None

Research Interests: Cost of Injury; Employer Costs; Determinants of Demand; Management Systems

Memberships:

International Health Economics Association

American Society of Safety Engineers

Western Economic Association

Eastern Economic Association

International Society for Quality of Life Studies

Economic Educators Association

National Committee Assignments:

National Institute for Occupational Safety and Health, NORA 2, Public and Private Services Team

National Institute for Occupational Safety and Health, NORA, Social and Economic Consequences of Workplace Injury and Illnesses, Co-Team Leader

International Association of Industrial Accident Boards and Commissions, Accident Prevention, Benefits and Cost Containment Committee

Centers for Disease Control and Prevention, Health Economics Research Group, Elected Member of Steering Committee

Center to Protect Workers' Rights, Economic Research Network, National Institute for Occupational Safety and Health Representative

American National Standards Institute (ANSI) Z-16 Committee Member

Honors:

Federal Interagency Review Group operating at the behest of John Graham, OMB charged with providing review and guidance on Circular A-4, Regulatory Analysis, invited member

Recent Publications:

Biddle, E. [2006], Feasibility of Collecting Workers' Compensation Administrative Records, IAIABC Journal in press.

Biddle, E. [2006] Is the Occupational Fatal Injury Experience in the United States Really Improving?, Fatal Workplace Injuries: A Collection of Data and Analysis, in press.

Owusu-Edusei K, Biddle, E [2006]. A Stable Dynamic Cohort Analysis of Installing Cost-Effective Roll-Over Protective Structures (CROPS), American Journal of Agricultural Safety and Health in press.

NIOSH [2006]. Industry Sector Cost Profiles By Biddle E, Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publications No. 2006-151 to 160.

Biddle E, Hartley D [2005]. Economic Costs: Another Alternative for Measuring Workplace Fatalities, IAIABC Journal 42(1):173-192.

Biddle E, Hartley D, Starkey S, Febrega V, Richardson S. Deriving Occupational Fatal Injury Costs: A State Pilot Study, compensation and working conditions. Washington, DC: U.S.

Department of Labor, Bureau of Labor Statistics, Compensation and Working Conditions Online; 2004. Posted on <http://www.bls.gov/opub/cwc/sh20050216ar01p1.htm>.

Biddle E, Tapas R, Owusu-Edusei K, Camm T [2005]. Synthesis and recommendations of the economic evaluation of OHS interventions at the company level conference, *J Safety Res* 36(3):261-267.

Husting EL, Biddle E [2005]. Truck Safety in the Age of Information. In: *Trucking in the Age of Information*. Burlington, VT: Ashgate Publishing Company, 2005:247-268.

NIOSH [2005]. A Compendium of NIOSH Economic Research 2002-2003 By Biddle E, et al, Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2005-112.

Schulte PA, Stephenson CM, Okun AH, Palassis J, Biddle E [2005]. Integrating occupational safety and health information into vocational and technical education and other workforce preparation programs *Am J Public Health* 95(3):404-411.

Biddle EA [2004]. The Economic Cost of Fatal Occupational Injuries in the United States, 1980-97, *Contemporary Economic Policy* 22(3):370-381.

Anderson KR, Biddle EA [2003]. Assessing the Feasibility of Evaluating the Washington State Apprenticeship and Training Program [Abstract] In: *National Occupational Injury Research Symposium 2003*, October 28-30, 2003, Pittsburgh, PA: <http://www.cdc.gov/niosh/noirs/noirsmain.html>.

Biddle EA [2003]. Measuring the Economic Burden of Fatal Occupational Injuries [Abstract] In: *National Occupational Injury Research Symposium 2003*, October 28-30, 2003, Pittsburgh, PA: <http://www.cdc.gov/niosh/noirs/noirsmain.html>.

Biddle EA, Marsh S [2003]. Comparing Costs of Fatalities from Two Fatal Occupational Injury Surveillance Systems in the United States [Abstract] In: *National Occupational Injury Research Symposium 2003*, October 28-30, 2003, Pittsburgh, PA: <http://www.cdc.gov/niosh/noirs/noirsmain.html>.

Chen GX, Jenkins EL, Biddle EA [2003]. Relationships Between Work-Related Injury Costs and Individual Risk Factors [Abstract] In: *National Occupational Injury Research Symposium 2003*, October 28-30, 2003, Pittsburgh, PA: <http://www.cdc.gov/niosh/noirs/noirsmain.html>.

Hartley D, Biddle E, Starkey S, Fabrega V [2003]. Economic Cost Model: Transferring Innovative Technology to the States [Abstract] In: *National Occupational Injury Research Symposium 2003*, October 28-30, 2003, Pittsburgh, PA: <http://www.cdc.gov/niosh/noirs/noirsmain.html>.

Husting EL, Biddle EA [2003]. The Cost to Society of Fatal Occupational Injury to Truck Drivers [Abstract] In: *National Occupational Injury Research Symposium 2003*, October 28-30, 2003, Pittsburgh, PA: <http://www.cdc.gov/niosh/noirs/noirsmain.html>.

Biddle EA, Hartley D [2002]. Fire and flame related events with multiple occupational injury fatalities in the United States, 1980-1995. *Injury Control and Safety Promotion* 9(1):9-18.

Biddle EA, Marsh SM [2002]. Comparison of the National Traumatic Occupational Fatalities and Census of Fatal Occupational Injuries Surveillance System. *Safety Research* 33:337-354.

Hartley D, Biddle E, Grosch J, Marsh S [2002]. The burden of occupational fatal injury for older workers in the United States, *Injury Insights* June/July (2002):1-2, 11.

Boden LI, Biddle EA, Speiler EA [2001]. Social and economic impacts of workplace illness and injury: Current and future directions for research. *Am J Ind Med* 40:398-402.

Hartley D, Biddle E [2001]. Will risks to older workers change in the 21st century? *Human and Ecological Risk Assessment* 7(7):1885-1894.

Biddle E [2000]. Development and application of an occupational injury and illness classification system, in *Encyclopedia of Occupational Health and Safety*, Geneva: International Labour Office.

Biddle EA Hartley D [2000]. Fire- and flame- related occupational fatalities in the United States, 1980-1994, *Journal of Occupational and Environmental Medicine* 42(4):430-437.

Biddle E, Kisner SM [1998]. Denominator effects on traumatic occupational fatality incidence rates. *Statistical Bulletin* 79(1):28-36.

Name: Thomas G. Bobick

Title: Research Safety Engineer

Discipline: Construction safety; Industrial ergonomics

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Office H-G808, Morgantown, WV 26505

Telephone: 304-285-5986

NIOSH Employment): March 13, 1989

Education:

B.S., Mining Engineering, The Pennsylvania State University, 1970

M.S., Industrial Hygiene, University of Pittsburgh, 1988

Ph.D., Industrial Engineering, West Virginia University, 1997

Professional Certifications:

Professional Engineer (P.E.), Pennsylvania, License No. PE-025435E, 1977

Certified Safety Professional (CSP), Certification No. 10901, 1991

Certified Professional Ergonomist (CPE), Certification No. 052, 1993

Research Interests:

Construction Safety Issues – Preventing Falls from Elevation;

Emergency Medical Services Issues – Patient Compartment Safety;

Ergonomic Issues – Back Injury Prevention; Musculoskeletal-related Problems; Job and Task Analyses; Noise Control and Abatement; Whole-body Vibration; and Hand-arm Vibration.

Memberships:

Member, American Society of Safety Engineers

Member, Pittsburgh Chapter, American Industrial Hygiene Society

Former Long-term Member, Human Factors and Ergonomics Society

Former Long-term Member, American Conference of Governmental Industrial Hygienists (ACGIH)

National Committee Assignments:

NIOSH Representative to the American National Standards Institute (ANSI) A-10 Committee on Safety in Construction and Demolition Operations

DSR Representative to the NIOSH Construction Steering Committee for Safety and Health Research

DSR Representative to the NIOSH Human Subjects Review Board (Subject Protection during Research Investigations)

Honors:

Selected to attend school full-time as part of the NIOSH Long-Term Training Program, 1995-1997 (Advanced Training)

Alice Hamilton Science Award for Leadership in Occupational Safety and Health, Honorable Mention, for Their Outstanding NIOSH Document, “Safe Grain and Silage Handling,” DHHS (NIOSH) Publication No. 95-109, 1995

Exceptional Effort Award for Superior Performance on “Special Assignment Related to Transfer of Whole-body Vibration Equipment,” October 2002

Cash Award for Outstanding Performance for Years 2005, 2004, 2003, and 2002

Cash Award for Excellent Performance for Yrs 2001, 2000, 1999, 1998, & 1997

Patents:

“Mobile Lifting Jack,” RL Unger and TG Bobick, U.S. Patent No. 4,756,509, July 12, 1988 (U.S. Bureau of Mines, Department of Interior).

“Adjustable Roof Bracket and Safety Rail Assembly,” DM Cantis, EA McKenzie Jr, TG Bobick, and HD Edgell, Employee Invention Report – CDC No. I-016-04, submitted March 11, 2004, Utility Patent Application No. 11/257,472, Application Filed October 24, 2005.

Recent Publications:

Bobick TG, EA McKenzie Jr, DM Cantis, 2006. “NIOSH-Designed Adjustable Roof Bracket and Safety Rail Assembly,” Abstract in: Proceedings of NORA Symposium 2006 – *Research Makes a Difference*, April 18-20, 2006, Wash., D.C., p 141.

Bobick TG, EA McKenzie Jr, DM Cantis, T-Y Kau, 2005. “Using Guardrail Systems to Prevent Falls through Roof and Floor Holes,” Paper in: Proceedings of 17th World Congress on Safety & Health at Work, Orlando, FL, Sep 18-22, 2005, 4p.

Bobick TG, EA McKenzie Jr, 2005. “Using Guardrail Systems to Prevent Falls through Roof and Floor Holes,” Paper in: Safety 2005, Proceedings of American Society of Safety Engineers Conf, New Orleans, LA, June 13-15, Session 601, 18p.

Bobick TG, 2004. “Falls through Roof and Floor Openings and Surfaces, Including Skylights: 1992-2000,” *Journal of Construction Engineering and Management*, (Dec 1 issue), 130(6): 895-907.

Bobick TG, PR Keane, EA Biddle, JS Spahr, 2003. “Estimated Costs of Injuries Caused by Falling through Roof Openings, Surfaces, and Skylights,” Abstract in: NOIRS 2003, Proceedings of the National Occupational Injury Research Symposium 2003, Pittsburgh PA, October 28-30, Abstract No. C3.3, pp 78-79.

Bobick TG, SL Proudfoot, NT Romano, PH Moore, RS Current, JD Green, 2003. “Ambulance Crash-Related Injuries among EMS Workers,” Abstract in: NOIRS 2003, Proceedings of the National Occupational Injury Research Symposium 2003, Pittsburgh PA, October 28-30, Abstract No. E3.3, pp 96-97.

Bobick TG, 2003. Summary of Doctoral Dissertation, 1997: “Effects of Lifting Height and Asymmetry on Maximum Acceptable Weight of Lift, Average Heart Rate, and Estimated Biomechanical Loading to the Lumbar Spine,” *Kinesiology Abstracts*, 16(1) (April), p. 13.

Proudfoot SL, NT Romano, TG Bobick, PH Moore, 2003. “Ambulance Crash-Related Injuries among Emergency Medical Service Workers-United States, 1991-2002,” *The CDC Morbidity and Mortality Weekly Report*, (Feb 28), 52(8): 154-156.

Bobick TG, DJ Long, 2002. “Overview of Deaths and Injuries Caused by Falls through Roof and Floor Openings and Surfaces, Including Skylight: 1992-1998,” Paper in: Power Through Partnerships, Proceedings of the 12th Annual Construction Safety & Health Conference, Chicago IL, May 21-23, 2002, pp. 369-374.

Bobick TG, J-L Belard, H Hsiao, JT Wassell, 2001. “Physiological Effects of Back Belt Wearing During Asymmetric Lifting,” *Applied Ergonomics*, 32(6): 541-547.

Name: Matt Bowyer

Title: General Engineer

Discipline: Engineering

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road MS 1808, Morgantown, WV 26505

Telephone: 304-285-5991

NIOSH Employment: April 16, 1995

Education:

Bachelor of Science Electrical Engineering, West Virginia University, May 1983

Professional Certifications: none

Research Interests:

Fire Fighter and Construction Safety, Workplace Violence, and Interventions using Electronics

Memberships:

National Committee Assignments:

Honors:

Department of Health and Human Services Secretary Award - 2001

Recent Publications:

NIOSH [2006]. Career fire fighter killed while riding manlift to assess a silo fire - Missouri. By Bowyer M, Braddee R, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. 2005-34.

NIOSH [2006]. A volunteer fire fighter and volunteer assistant lieutenant die after smoke explosion at a town house complex – Wyoming. By Merinar T, Bowyer M, Tarley J, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. 2005-13.

NIOSH [2005]. Career fire captain dies when trapped by partial roof collapse in a vacant house fire - Texas. By Merinar T, McFall M, Bowyer M, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. 2005-09.

NIOSH [2005]. Career captain dies after running out of air at a residential structure fire – Michigan. By Tarley J, Merinar T, Bowyer M, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. 2005-05.

NIOSH [2005]. One Probationary Career Firefighter dies and Four Career Firefighters are Injured at a Two-Alarm Residential Structure Fire - Texas. By Koedam RE, Merinar T, Bowyer M, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. 2005-02.

Linn H, Bowyer M, Hartley D, Jenkins EL, [2006]. Workplace Violence Prevention Strategies and Research Needs. NIOSH DHHS (NIOSH) Publication No. 2006-144.

Bowyer M, Jenkins EL [2006]. Building a Research and Prevention Initiative for Workplace Violence [Abstract], 2006 American Psychological Association, the National Institute for Occupational Safety and Health, the National Institute of Justice, the National Institute on Disability and Rehabilitation Research, and the U.S. Department of Labor International Conference "Work, Stress, and Health," Miami, FL, March 2-4, 2006.

Bowyer M, Hartley D, Jenkins EL [2005]. NIOSH's Initiative for Workplace Violence and National Conference [Abstract], 2005 National Injury Prevention and Control Conference "Injury and Violence in America," Denver, CO, May 9-11, 2005.

Jenkins L, Hartley D, Bowyer M, Anderson K [2004]. Building a research and prevention initiative for workplace violence [Abstract] In: The 7th World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, June 6th-9th 2004. Vienna, Austria, Vienna, Austria: Kuratorium fur Schutz und Sicherheit/Institut Sicher Leben , NN: 20025711.

NIOSH [2004]. Violence on the job. NIOSH DHHS (NIOSH) Publication No. 2004-100 (DVD).

Bowyer ME, Frazer JA [2003]. State-Based Approaches to Workplace Violence Prevention [Abstract] In: National Occupational Injury Research Symposium 2003, October 28-30, 2003, Pittsburgh, PA: <http://www.cdc.gov/niosh/noirs/noirsmain.html>.

Jenkins EL, Hartley D, Bowyer ME, Anderson KR [2003]. The NIOSH Workplace Violence Research Prevention Initiative [Abstract] In: National Occupational Injury Research Symposium 2003, October 28-30, 2003, Pittsburgh, PA: <http://www.cdc.gov/niosh/noirs/noirsmain.html>.

Name: Richard W. Braddee

Title: Safety and Occupational Health Manager

Discipline: Safety

Division/Office: Division of Safety Research/Surveillance and Field Investigations Branch

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Address: 1095 Willowdale Road, M/S 1808, Morgantown, WV 26505

Telephone: 304-285 -6017

NIOSH Employment: August 1985

Education:

M.S. Safety Management, West Virginia University, 1999

B.A. Liberal Arts, West Virginia University, August, 1988

A.S. Computer Science Technology, California University of Pennsylvania, 1984

A.S. Letters, Arts, and Sciences, Penn State University, 1980

Professional Certifications: N/A

Research Interests: Safety and Environmental Health

Memberships: N/A

National Committee Assignments: N/A

Honors:

Recent Publications:

NIOSH [1995]. NIOSH ALERT Preventing Injuries and Deaths of Loggers. By Braddee RW, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 95-101.

NIOSH [1996]. Sign Installer Dies After Falling 12 Feet From A Canopy – Tennessee. By Braddee RW, Morgantown, WV: Department of Health and Human Services, Public Health

Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 96-01.

NIOSH [1996]. Laborer Struck and Killed by A 700-Pound Concrete Lid – Virginia. By Braddee RW, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 96-08.

NIOSH [1996]. Public-Utility Foreman Dies After Being Struck Against the Protective Cab of a Tractor – Virginia. By Braddee RW, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 96-09.

NIOSH [1996]. Tree Feller Killed by a Piece of Wood From a Falling Tree – Pennsylvania. By Braddee RW, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 96-14.

NIOSH [1996]. Tree Trimmer/Climber Dies After Falling 40 Feet With an Uprooted Tree Trunk – Virginia. By Braddee RW, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 96-15.

NIOSH [1996]. Supervisor Dies As Result of Injuries Sustained In Fall With Powered Vertical Lift Aerial Platform – Virginia. By Braddee RW, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 96-18.

Braddee RW., Myers JR, Fosbroke DE [1996]. Logging Deaths in the United States, published in Proceedings of the 1995 Society of American Foresters Convention, Portland, Maine, October 28-November 1, 1995.

Braddee, RW., Pratt, S., Hause, M [1997]. “Preventing Falls from Elevations. American Welding Journal. pp. 23-25. Spring 1997.

Braddee, RW., Myers, J.R [1997]. Logging-Type Fatalities in the U.S. Production Agriculture Industry, 1980-1992. Journal of Agromedicine, Volume 4, Numbers 3/4 1997. Pp. 373-375.

NIOSH [1997]. Company President Killed When Forklift Overturns – North Carolina. By Braddee RW, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 97-01.

NIOSH [1997]. Floor collapse in a single family dwelling fire claims the life of one fire fighter and injures another – Kentucky. By Braddee RW, Pettit T., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention,

National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 97-04.

NIOSH [1997]. Carpenter's Helper Dies After 120-Foot Fall From an Unprotected Floor Edge of an Atrium – South Carolina. By Braddee RW, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 97-08.

NIOSH [1997]. Restaurant/tavern fire results in the death of one fire fighter and serious injuries to three other fire fighters – Indiana. By Braddee RW, Pettit T., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 97-09.

NIOSH [1998]. Maintenance Manager Dies After Falling 7 Feet From an Elevated Forklift Safety Platform – North Carolina. By Braddee RW, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 98-01.

NIOSH [1998]. Two fire fighters die of smoke and soot inhalation in residential fire – Pennsylvania. By Pettit T, Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 98-03.

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NIOSH [1998]. Commercial structure fire claims the life of one fire fighter – California. By Pettit T, Braddee, Baldwin T, Washenitz F., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 98-F07.

NIOSH [1998]. Tree Feller Killed When Struck By Chain Saw-West Virginia. By Higgins DN, Braddee RW, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. 98-09.

NIOSH [1998]. Propane tank explosion results in the death of two volunteer fire fighters, hospitalization of six other volunteer fire fighters and deputy sheriff – Iowa. By Braddee RW,

Washenitz F., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 98-F14.

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NIOSH [1998]. Forest Ranger II dies after receiving second- and third-degree burns operating a crawler tractor (bulldozer) while clearing vegetation during a wildland fire – Arkansas. By Braddee RW, Cortez K., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 98-F30.

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NIOSH [1999]. Fire investigator dies after being struck by a chimney that collapsed during an origin and cause fire investigation - New York. By Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 99-F06.

NIOSH [1999]. Two volunteer fire fighters die while fighting a wildland fire – Kentucky. By Braddee RW, Cortez K., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 99-F14.

Braddee RW., Washenitz F [1999]. Hazard ID: Fire Fighting Hazards During Propane Tank Fires, Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 99-129.

Braddee RW., Collins JW [1999]. NIOSH Alert: Preventing Injuries and Deaths of Workers Who Operate or Work Near Forklifts, Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2000-112.

NIOSH [1999]. Fire fighter (captain) dies after fall from ladder during a training exercise – California. By Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for

Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program
Report No. 99-F25.

NIOSH [1999]. Volunteer fire fighter electrocuted while fighting a grass fire – California. By Cortez K, Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 99-F26.

NIOSH [1999]. Volunteer fire fighter killed during wildland/field fire – Indiana. By Braddee RW, Romano N., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 99-F35.

NIOSH [1999]. Six career fire fighters killed in cold-storage and warehouse building fire – Massachusetts. By Braddee RW, Washenitz F, Romano N, Pettit T., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 99-F47.

NIOSH [2000]. Volunteer fire fighter dies after nine-foot fall from ladder – Pennsylvania. By Braddee RW, Hause M., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2000-07.

NIOSH [2000]. Wildland fire claims the life of one volunteer fire fighter and injures another fire fighter - South Dakota. By Mezzanotte T, Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2000-22.

NIOSH [2000]. Career fire fighter dies and three are injured in a residential garage fire – Utah. By McFall M, Braddee RW, Mezzanotte T., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National

Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2000-23.

NIOSH [2000]. Junior fire fighter killed responding to call in his privately owned vehicle (POV) – Pennsylvania. By Romano N, Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2000-35.

NIOSH [2000]. Fire fighter dies after being run over by ladder truck while attempting to board – Alabama. By Romano N, Braddee RW., Morgantown, WV: Department of Health and Human

Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2000-41.

Braddee RW., Pratt S, Hause M [2000]. Worker Deaths by Falls. A Summary of Surveillance Findings and Investigative Case Reports, Cincinnati, OH: DHHS (NIOSH) Publication No. 2000-116.

NIOSH [2001]. Volunteer fire fighter (lieutenant) killed and one fire fighter injured during mobile home fire – Pennsylvania. By Braddee RW, Romano N., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2001-04.

NIOSH [2001]. Two volunteer fire fighters die fighting a basement fire – Illinois. By Cortez K, Tarley J, Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2001-08.

NIOSH [2001]. Residential fire claims the lives of two volunteer fire fighters and seriously injures an assistant chief – Missouri. By Tarley J, Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2001-15.

NIOSH [2001]. Hardware Store Explosion Claims the Lives of Career Fire Fighters - New York. By Tarley J, Braddee R, McFall M., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2001-23.

NIOSH [2001]. Volunteer fire fighter dies when tanker crashes into boulder and tree – Oregon. By Romano N, Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2001-36.

NIOSH [2002]. One Career Fire Fighter Dies and Another Is Injured After Partial Structural Collapse – Texas. By Mezzanotte T, Frederick L, Braddee R., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-07.

NIOSH [2002]. Volunteer fire fighter killed and career chief injured during residential house fire – Tennessee. By Braddee RW, Frederick L., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National

Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-12.

NIOSH [2002]. Junior fire fighter killed while responding to fire alarm on his bicycle – Pennsylvania. By Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-21.

NIOSH [2002]. Volunteer fire fighter dies during wildland fire suppression - South Dakota. By Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-37.

NIOSH [2002]. Parapet wall collapse at auto body shop claims life of career captain and injures career lieutenant and emergency medical technician – Indiana. By McFall M, Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-44.

NIOSH [2003]. Volunteer captain killed in fire apparatus crash while responding to a training exercise – Oregon. By Tarley J, Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-14.

NIOSH [2003]. Career federal fire fighter dies from injuries sustained at prescribed burn – Arizona. By McFall M, Braddee RW., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-25.

NIOSH [2003]. Three Fire Department Members (Two Fire Fighter Paramedics and One Helicopter Crewman) and an Automobile Crash Victim Die of Injuries Sustained in an Air Ambulance/Helicopter crash – California. By Braddee R, Washenitz F., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. 98F-08.

NIOSH [2003]. Structural Collapse at Residential Fire Claims Lives of Two Volunteer Fire Chiefs and One Career Fire Fighter - New Jersey. By McFall M, Lutz V, Braddee R., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-32.

NIOSH [2003]. Volunteer Fire Fighter Dies during Wildland Fire Suppression-SD. By Braddee R., Morgantown, WV: Department of Health and Human Services, Public Health Service,

Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-37

NIOSH [2003]. Parapet Wall Collapse at Auto Body Shop Claims Life of Career Captain and Injures Career Lieutenant and Emergency Medical Technician-Indiana. By McFall M, Braddee R., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-44.

NIOSH [2003]. Volunteer Captain Killed in Fire Apparatus crash While Responding to a Training Exercise – Oregon. By Tarley J, Braddee., Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-14.

NIOSH [2004]. Career Federal Fire Fighter Dies from Injuries Sustained at Prescribed Burn - Arizona. By McFall M, Braddee R. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2003-25.

Hodous TK, Castillo DN, Braddee R, Pizatella TJ [2003]. Firefighter Fatalities 1998-2001: Overview with an Emphasis on Structure-Related Traumatic Fatalities [Abstract] In: National Occupational Injury Research Symposium 2003, October 28-30, 2003, Pittsburgh, PA:
<http://www.cdc.gov/niosh/noirs/noirsmain.html>

NIOSH [2004]. Career helitack fire fighter dies in burnover during an initial attack at a wildland fire operation – California. By McFall M, Braddee RW., Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report F2004-40.

Hodous TK, Pizatella TJ, Braddee RW, Castillo DN [2004]. Fire Fighters 1998-2001: overview with an emphasis on structure related traumatic fatalities, *Inj Prev* 10(4):222-226.

NIOSH [2004]. Volunteer Fire Fighter/Fire Service Products Salesman Dies After Being Struck by Dislodged Rescue Airbag-South Dakota, By Braddee R, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Report No. F2003-34.

NIOSH [2005]. A Career Fire Fighter was Killed and a Career Captain was Severely Injured During a Wildland/Urban Interface Operation - California. By McFall M, Braddee R, Hales T., Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report F2003-36.

NIOSH [2005]. Career captain electrocuted at the scene of a residential structure fire – California. By Lutz V, Braddee RW., Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report F2005-07.

NIOSH [2005]. Career fire fighter killed while riding manlift to assess a silo fire – Missouri. By Bowyer M, Braddee RW., Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2005-34.

NIOSH [2005]. NIOSH ALERT Preventing Injuries and Deaths of Fire Fighters due to Truss System Failures. By Merinar T, Braddee RW, Washenitz F, Mezzanotte T, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2005-132.

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Discipline: Mechanical / Construction

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Telephone: 304-285-6013

NIOSH Employment: January 1999

Education:

Fairmont State College, 2 yrs. Engineering Technology, 1976

Professional Certifications: None

Research Interests: Primary research interests are the implementation of new safety control devices in the agricultural and construction industries.

Memberships: None

National Committee Assignments: None

Honors:

2005 Bullard-Sherwood Award for Research 2 Practice, Honorable Mention

DHHS-Employee of the Month-June 2003

On The Spot Awards: 07/2006, 07/2001, 07/1999

Invention Award: 10/2005

Outstanding Performance Ratings: 2005, 2004, 2003, 2002, 2001, 2000, 1999,

Recent Publications:

McKenzie T., Abukhadra SM., Etherton JR., Cantis DM., Lutz TJ., Means KH., “Impact Testing of a Hybrid ROPS made from FRP Composite and Steel Components” In the Proceedings of the ASME, Orlando, FL. Nov. 5-11, 2005, Abstract.

McKenzie Jr. EA., Etherton JR., Harris JR., Cantis DM., Lutz TJ., “NIOSH AutoROPS Research to Practice: Zero Turn Commercial Mowers”, In the Proceedings of 2005 American Society of Mechanical Engineers, Congress and Exposition, Source: IMECE2005-81575, Orlando, FL. Nov. 11, 2005, Abstract.

Bobick TG., McKenzie Jr. EA., Cantis DM., Kau T., “Using Guardrail Systems to Prevent Falls through Roof and Floor Holes”, In the Proceedings of The XVIIth World Congress on Safety and Health at Work, Source No. 046, Orlando, FL. Sept. 16-20, 2005, Abstract.

Harris JR., Cantis DM., McKenzie Jr. EA., Etherton JR., Ronaghi M., “Commercialization of cost-effective rollover protective structures (CROPS): research in progress”, research-in-progress, In the Proceedings of the National Institute for Farm Safety (NIFS) Annual Conference, Source 1-19, Wintergreen, VA. June 26-30, 2005, Abstract.

Pan CS., Chiou S., Kau Y., Ammons D., Cantis DM., “Biomechanical Evaluations of foot placement for construction workers on stilts”, In the Proceedings of American Industrial Hygiene Conference and Exposition (AIHCE) Source 48, Anaheim, CA. May 21-26, 2005, Abstract.

McKenzie Jr. EA., Bobick TG., Cantis DM., “Design of Testing Apparatus to Evaluate the Strength of Guardrail System”, In the Proceedings of IMECE04, 2004 ASME International Mechanical Engineering Congress and Exposition, Source: IMECE2004-59575 1-6, Anaheim, CA. Nov.13-20, 2004, Abstract.

Harris JR., McKenzie Jr. EA., Cantis DM., Etherton JR., Ronaghi M.,”Putting cost-effective rollover protective structures in the field”, In the Proceedings of the National Symposium on Agricultural Health and Safety, Source: Keystone Resort, Colorado, June 20-24, 2004, Abstract.

Etherton JR., McKenzie Jr. EA., Lutz T., Cantis DM., Kau TY., “An Initial Farmer Evaluation of a NIOSH AutoROPS Prototype”, International Journal of Industrial Ergonomics, Source: 34: 155-165, 2004, Abstract.

Harris JR., Etherton JR, Cantis DM, McKenzie Jr. EA, Ronaghi M, “Tractor Overturns and ROPS Performance – Is the SAE Standard Tough Enough?” In the Proceedings of the Nation Symposium on Agricultural Safety and Health, Source: Keystone Resort, Colorado, June 20-24, 2004, Abstract.

McKenzie Jr. EA, Etherton JR., Harris JR., Cantis DM., Lutz TJ., “NIOSH AutoROPS 3rd Generation Static Testing and Human Interaction Element”, In the Proceedings of ASME, Source: IMECE2003-41330, Washington DC, Nov. 15-21, 2003, Abstract.

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Memberships: None

National Committee Assignments:

OSHA Telecommunication Tower Task Force

Advisory Committee for Construction Safety and Health (ACCSH) Telecommunication Tower Subcommittee

Honors:

Recent Publications:

Casini V, Burkhart, J [2005]. Truck driver dies after the off-highway truck he was operating rolled over an embankment and came to rest on its top—Pennsylvania. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2000-05.

Casini V. [2005]. Workplace Solutions: Preventing injuries when working with ride-on roller/compactors. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2005-101.

Casini V [2004]. Fifteen-year-old Hispanic youth dies after entering the hopper of a bark blower—Maryland. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2004-08.

Casini V [2004]. Hispanic flagger dies after being run over by a dump truck—North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2004-10.

Casini V, Moore P [2004]. Workplace Solutions: Preventing injuries when working with hydraulic excavators and backhoe loaders. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2004-107.

Casini V [2004]. Fourteen-year-old laborer dies after a stored piece of hoisting apparatus fell on him at an automobile repossession yard—Pennsylvania. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2000-04.

Casini V [2003]. Female Hispanic farm laborer dies after falling from the elevated forks of a forklift—North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2003-04.

Casini V [2003]. Two Hispanic construction laborers (ages fifteen and sixteen) die after trench collapse—South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2003-07.

Casini V [2003]. Hispanic Painter Electrocuted When the Aluminum Extension Ladder He was Positioning Contacted an Overhead Powerline—South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2003-11.

Casini V [2002]. Maintenance mechanic dies after being trapped in the pneumatic door of a vacuum cooler—South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2002-05.

Burkhart J, Casini V [2002]. Roadway construction worker dies from crushing injuries when backed over by a dump truck—Virginia. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2002-06.

Casini V [2002]. Hispanic forklift operator dies after being caught between mast and cage of forklift—North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2002-09.

Casini V [2002]. Hispanic construction laborer dies after portable silo collapse—North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2002-11.

Casini V, Castillo D [2001]. NIOSH Alert: Preventing injuries and deaths from falls during construction and maintenance of telecommunication towers. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2001-156.

Casini V, Werntz C, Mardis A [2001]. Fourteen-year-old rental equipment worker dies from asphyxiation after becoming entangled in an electric chain hoist—Colorado. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2001-13.

Casini V [2000]. Flagger struck from behind and killed by a truck intruding into a highway construction work zone—Wisconsin. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2000-02.

Casini V [2000]. Three tower painters die after falling 1,200 feet when riding the hoist line--North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2000-07.

Casini V [2000]. Seventeen-year-old window washer dies after falling 180 feet due to a rigging anchor failure—Pennsylvania. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2000-08.

Casini V [2000]. A 16-year-old died after falling 27 feet at a residential construction site—Alabama. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No.2000-16.

Casini V, Smith G [2000]. A 15-year-old male farm laborer dies after the tractor he was operating overturned into a manure pit—Pennsylvania. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2000-18.

Casini V [2000]. A 16-year-old roofer helper dies after 28-foot fall down an unguarded elevator shaft opening—Pennsylvania. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2000-23.

Casini V [2000]. Temporary service worker dies after mower rolls over on him—North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2000-25.

Casini V [2000]. Construction laborer dies after being struck in the head by backhoe bucket—North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 2000-26.

Moore P, Casini V [1999]. Hazard ID: Injury Associated with Working Near or Operating Wood Chippers. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 99-145.

Casini V [1999]. Tower erector dies after falling 240 feet from a telecommunications tower--North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 99-01.

Casini V, Zlochower, I [1998]. Hazard ID: Ignition Hazard from Drilling into Sealed Frames of Agricultural Equipment. By Zlochower IA, Sapko MJ, Casini VC, Flesch J, Boyd J: Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 99-145.

Casini V, Kisner S, Stout N [1998]. Worker deaths by electrocution: A summary of surveillance findings and investigative reports. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 98-131.

Casini V [1998]. Maintenance manager dies after falling 7 feet from an elevated forklift safety platform—North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 98-01.

Casini V [1998]. Tower erector dies after falling 130 feet from hoist cable to ground--Pennsylvania. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 98-05.

Casini V [1998]. Tower erector dies after falling 125 feet from cellular phone tower—South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 98-07.

Casini V [1998]. Scaffold erector dies after falling 60 feet from scaffold inside boiler—South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 98-08.

Casini V [1998]. Roofer helper dies after falling 16½ feet from roof to concrete basement way—Kansas. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 98-16.

Casini V [1998]. Tower erector dies after falling 200 feet from telecommunication tower--North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 98-20.

Casini V [1998]. Tower painter dies and a second painter injured after falling 900 feet while inside a man basket—South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 98-21.

Casini V [1997]. Order picker dies after falling from a lift truck-suspended pallet—North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 97-07.

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Casini V [1997]. Construction laborer dies after being struck by a front end loader at a construction site— Pennsylvania. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 97-11.

Casini V [1997]. Tree trimmer dies after 40-foot fall in aerial bucket—Virginia. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 97-12.

Casini V, Pratt S [1997]. Maintenance electrician dies from crush injuries when caught between nip barrier and upper frame of paper rewinder—Virginia. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 97-17.

Casini V [1996]. Area Operator falls 60 feet from manlift--North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 96-06.

Casini V [1996]. Welder/Ironworker dies after becoming entangled in a beltline driveshaft--South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 96-07

Casini V [1996]. Logger dies after falling from log skidder--South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 96-10.

Casini V [1996]. Welder dies after being struck by a three-ton steel roof truss-South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 96-11.

Casini V [1996]. Logger dies after falling from tractor--South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 96-13.

Casini V, Moore P [1996]. Tree feller killed by a piece of wood from a falling tree – Pennsylvania. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 96-14.

Casini V, Hause M, Castillo D [1996]. Sixteen-year-old electrical-contractor laborer electrocuted—Texas. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 96-19.

Casini V [1996]. Steel Rack Installer dies after being struck by 3,000 pound bundle of rack end pieces—South Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 96-24.

Casini V [1996]. Cement finisher dies after being crushed against doorway by cement truck chute—North Carolina. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, FACE Report No. 96-25.

Name: Dawn N. Castillo

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M.P.H Epidemiology, University of California, Los Angeles, 1986

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Memberships: American Society of Safety Engineers

National Committee Assignments: None

Honors:

James P. Keogh Award for Outstanding Service in Occupational Safety and Health, April 28, 2004

CDC Honor Award, 1999 (Group award: For spirit of leadership and collaboration to provide a vision for CDC/ATSDR activities on behalf of children and health)

Special Act or Service Award, US Department of Health and Human Services, 1998 (Work in the implementation of NORA)

Alice Hamilton Award for Occupational Safety and Health, Honorable Mention, 1996 (Preventing Deaths and Injuries of Adolescent Workers)

Recent Publications:

Peer-reviewed journal articles

Hodous TK, Pizatella T, Braddee R, Castillo DN [2004]. Fire fighter fatalities 1998-2001: Overview with an emphasis on structure related traumatic fatalities. *Inj Prev* 2004, Vol. 10, pages 222-226.

Castillo DN, Adekoya N, Myers JR [1999]. Fatal work-related injuries in the agricultural production and services sectors among youth in the United States, 1992-1996. *J Agromedicine* 1999; Vol. 6, pages 27-41.

Castillo DN, Hard D, Myers J, Pizatella T, Stout N [1998]. A national childhood agricultural injury prevention initiative. *J Ag Safety Health* 1998, Special Issue, Vol. 1, pages 183-191.

Castillo DN, Malit BD [1997]. Occupational injury deaths of 16- and 17-year-olds in the United States: trends and comparisons to older workers. *Inj Prev* 1997, Vol. 3, pages 277-281.

Castillo DN, Rodriguez RL [1997]. Follow-back study of oldest workers with emergency department treated injuries. *Am J Ind Med* 1997, Vol. 31, pages 609-618.

Knight EB, Castillo DN, Layne LA [1995]. A detailed analysis of work-related injury among youth treated in emergency departments. *Am J Ind Med* 1995, Vol. 27, pages 793-805.

Layne LA, Castillo DN, Stout N, Cutlip P [1994]. Adolescent occupational injuries requiring hospital emergency department treatment: a nationally representative sample. *Am J Public Health* 1994, Vol. 84, pages 657-660.

Castillo DN, Landen DL, Layne LA [1994]. Occupational injury deaths of 16- and 17-year-olds in the United States. *Am J Public Health* 1994, Vol. 84, pages 646-649.

Castillo DN, Jenkins EL [1994]. Industries and occupations at high risk for work-related homicide. *J Occ Med* 1994, Vol. 36, pages 125-132.

Other publications (e.g. book chapters, MMWR articles and NIOSH publications/reports)

Castillo DN, Pizatella TJ, Stout NA [2006]. Injuries. In, Levy B, Wegman DH, Baron SL, Sokas RK (Eds), *Occupational and Environmental Health: Recognizing and Preventing Disease and Injury*, 5th Edition. Philadelphia, PA: Lippincott Williams & Wilkins.

NIOSH (Castillo DN, Pratt SG, Mardis A, Hendricks K)[2002]. National Institute for Occupational Safety and Health (NIOSH) Recommendations to the U.S. Department of Labor for Changes to Hazardous Orders. May 3, 2002.

Casini V, Castillo DN, Lentz TJ, Ray TD [2001]. NIOSH Alert: Preventing injuries and deaths from falls during construction and maintenance of telecommunications towers, Cincinnati, OH:

Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2001-156.

Davis L, Castillo DN, Wegman DH [2000]. Child and Adolescent Workers. In, Levy B, Wegman D (Eds), Occupational Health: Recognizing and Preventing Work-Related Disease, 4th Edition. Philadelphia, PA: Lippincott Williams & Wilkins, pp: 689-699, 2000.

NIOSH (Pratt SG, Hendricks KH, Fosbroke DE, Moore PH, Castillo DN) [2000]. Comments of the National Institute for Occupational Safety and Health on the Department of Labor Notice of Proposed Rulemaking and Request for Comments on Child Labor Regulations, Orders, and Statements of Interpretation. Child Labor ViolationsC Civil Money Penalties: 29 CFR Parts 570 and 579. January 8, 2000.

Castillo DN, Davis L, Wegman DH [1999] Young Workers. Frumkin H, Pransky G (Eds), Special Populations in Occupational Health. Occupational Medicine: State of the Art Reviews 14 (3), pp: 519-536.

Castillo DN [1998]. Occupational Safety and Health in Young People. Barling J, Kelloway K (Eds), Young Workers: Varieties of Experience. Washington, D.C.: American Psychological Association, pp: 254-309, 1998.

Adekoya N, Castillo DN, Myers JR [1998]. Youth agricultural work-related injuries treated in emergency departmentsB United States, October 1995B September 1997. MMWR 47:733-737.

NIOSH Child Labor Working Team (Castillo DN- Leader) [1997]. Special Hazard Review: Child Labor Research Needs: Recommendations from the NIOSH Child Labor Working Team. NIOSH Publication No. 97-143.

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NIOSH (Castillo DN- Lead) [1994]. Comments of the National Institute for Occupational Safety and Health on the Department of Labor/Wage and Hour Division Advance Notice of Proposed Rulemaking on Child Labor Regulations, Orders and Statements of Interpretation, 29 CFR, Part 570. October 25, 1994.

NIOSH (Castillo DN- Lead) [1994] Comments of the National Institute for Occupational Safety and Health on the Department of Labor/Wage and Hour Division Proposed Rule on Child Labor Regulations, Orders and Statements of Interpretation, 29 CFR, Part 570 (Subpart C). July 12, 1994.

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Education:

M.D., Hunan Medical University, Changsha, Hunan, China, 1983

M.Sc, major in environmental/occupational medicine, Hunan Medical University, Changsha, Hunan, China, 1993

M.Sc., major in Statistics, West Virginia University, Department of Statistics, Morgantown, West Virginia, United States. 2004

Research Interests: Trucking safety, injury prevention and evaluation

Honors:

NRC Senior Research Associate Award from U.S. National Research Council, 1996-1998

Included in the book of “*Chinese Contemporary Famous Persons in Medicine.*” Beijing, China. 1997

Scholarship from the International Epidemiological Association (IEA) to present a stud of “Tuberculosis and silica exposure” at the XIV International Scientific Meeting of the International Epidemiological Association, August 27-30, 1996 Nagoya, Japan

The Second place in Research Achievement from the Hunan province Medical, Health Science, and Technology Committee, Hunan, China for a study of “Occupational lead exposure and renal damage,” 1995

The Fourth Place in Science and Technology Achievement from the Hunan province Science and Technology Committee, Hunan, China for a study of “Occupational lead exposure and renal damage,” 1995

Third prize of the Excellent Research Paper, from the Chinese Preventive Medicine Association, Hunan Division, for A study of “Renal function of workers exposed to lead,” 1991

Recent Publications:

Chen GX. Impact of federal compliance reviews of trucking companies in reducing highway truck crashes. Manuscript in peer review

Chen GX, Jenkins EL. Potential work-related bloodborne pathogen exposures by industry and occupation in the United States Part I: An emergency department-based surveillance study. Manuscript submitted to American Journal of Industrial Medicine

Chen GX, Jenkins EL. Potential work-related bloodborne pathogen exposures by industry and occupation in the United States Part II: A telephone interview study. Manuscript submitted to American Journal of Industrial Medicine

Chen GX, Jenkins EL, Husting L. A comparison of crash patterns in heavy trucks with and without collision warning system technology. Safety Performance and Accident Free Driving. SAE Special Publication 2004. SAE, Inc., Warrendale, PA. ISBN 0-7680-1533-2. 31-36. The manuscript was reprinted at SAE 2004 Transactions of Journal of Commercial Vehicles 2004; 113(2): 360-365.

Chen GX, Jenkins EL, Marsh SM, Johnston JJ. Work-related and non-work-related injury deaths in the U.S.: A comparative study. Human and Ecological Risk Assessment 2001; 7: 1859-1868.

Chen GX, Hendricks K. Nonfatal occupational injuries among African-American women by industry. Journal of Safety Research 2001; 32: 75-84.

Stern FB, Ruder A, Chen GX. Proportionate mortality among unionized roofers. American Journal of Industrial Medicine 2000; 37: 478-492.

Chen GX, Johnston JJ, Burnett CA, Alterman T, Steenland K, Stern F, Halperin WE. Expanded analysis of injury mortalities among unionized construction workers. American Journal of Industrial Medicine 2000; 37: 364-373.

Chen GX and Layne LA. Where African American women work and the nonfatal work-related injuries they experienced in the US in 1996, compared to women of other races. American Journal of Industrial Medicine 1999; supplement 1: 34-36.

Chen GX and Fosbroke DE. Work-related fatal injury risk of construction workers by occupation and cause of death. Human and Ecological Risk Assessment 1998; 4(6): 1371-139

Chen GX and Layne LA. Surveillance of occupational injuries treated in hospital emergency department in the United States in 1996. Morbidity and Mortality Weekly Report 1998; 47(15): 302-306.

Chen GX, Burnett CA, Cameron L, Alterman T, Lalich N, Tanaka S, Althouse R. Tuberculosis mortality and silica exposure, a case-control study based on a national mortality data base for the years 1983-1992. *International Journal of Occupational and Environmental Health* 1997; 3(3): 163-170.

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Memberships: ASTM, AIHA, HFES

National Committee Assignments:

Honors:

Recent Publications (Journal)

Hsiao, H., Simeonov, P., Dotson, B., Ammons, D., Kau, T. Y., Chiou, S. 'Human responses to augmented virtual models of elevation' *Ergonomics* 48(10) 1223-1242, 2005.

Pan, C.S., Miller, K.M., Chiou, S., Wu, J.Z. 'Evaluation of a computer-simulation model for human ambulation on stilts' *Journal of Mechanics in Medicine and Biology*, 4(3), 2004.

Chiou, S., Bhattacharya, A., Lai, C., Succop, P. A. (2003) 'Effects of environmental and job-task factors on workers' gait characteristics on slippery surfaces' *Occupational Ergonomics* 4(3), 209-223.

Pan, C.S., Chiou, S., Hendricks, S. (2003) 'Effect of drywall lifting method on workers' balance in a laboratory-based simulation' *Occupational Ergonomics* 4(3), 235-249.

Chiou, S., Bhattacharya, A., and Succop, P.A. (2000) 'Evaluation of workers' perceived sense of slip and effect of prior knowledge of slipperiness during task performance on slippery surfaces' *American Industrial Hygiene Association Journal* 61(4), 492-500.

Chiou, S., Pan, C. S., Keane, P. (2000) 'Traumatic injury among drywall installers, 1992 – 1995' *Journal of Occupational and Environmental Medicine* 42(11), 1101-1108.

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Johns Hopkins University, PhD in Health Policy and Management, Major: Injury Epidemiology

West Virginia University, MS in Mechanical Engineering, 1989

Georgia Institute of Technology, BS in Mechanical Engineering, 1984

Professional Certifications: None

Research Interests: Occupational traumatic Injury; intervention evaluation; safe patient lifting; slip, trip, and fall prevention; machine safety

Memberships/Professional Societies

American Society of Mechanical Engineers

Society of American Military Engineers

Commissioned Officers Association of the United States Public Health Service

Editorial Board: International Journal of Injury Control and Safety Promotion

National Committee Assignments: Program Coordinator for the National Occupational Research Agenda Team for traumatic injury research

National Occupational Research Agenda Committee Member for the Health Care Industry Sector

Honors: Winner of the 2006 National Occupational Research Agenda Partnership Award for Worker Safety and Health for “Slip, Trip, and Fall Prevention in Health Care Workers”

Who’s Who in Engineering, 2005-2006

Who's Who in America, 2005-2006

Winner of the NIOSH 2005 Alice Hamilton Award for excellence in occupational safety and health research – human studies category, for the publication of “Evaluation of a Best Practices Musculoskeletal Injury Prevention Program in Nursing Homes”

2003 National Occupational Research Agenda 2003 Partnering Award for Worker Safety and Health for “Evaluation of a Best Practices Musculoskeletal Injury Prevention Program in Nursing Homes”

2000 Engineering Literary Award – Research Category, presented by the Chief Engineer of the USPHS, for “A Case-Control Study of Forklift and Other Powered Industrial Vehicle Incidents”

U. S. Public Health Service Awards:

September 6, 2002	Outstanding Unit Citation
July 10, 2002	Commendation Medal
February 15, 2002	Crisis Response Ribbon
June 19, 2001	Unit Commendation Medal
January 1, 1998	Bicentennial Unit Commendation
June 2, 1997	Citation
August 7, 1995	Unit Commendation Medal
May 26, 1996	Citation
December 9, 1992	Surgeon General's Exemplary Service Medal
May 2, 1991	Unit Commendation
April 8, 1991	Special Assignment Award
December 26, 1989	Unit Commendation Medal
July 31, 1989	Regular Corps Ribbon
April 18, 1986	Achievement Medal
March 19, 1985	Unit Commendation Medal

Recent Publications:

Book Chapters:

Collins JW (In press). Overview of Hospital Hazards. To be published in the 3rd Edition of Essentials of Modern Hospital Safety. Eds. William Charney.

Collins JW (In press). Slip, Trip, and Fall Prevention for Health Care Workers. To be published in the 3rd Edition of Essentials of Modern Hospital Safety. Eds. William Charney.

Collins JW and Menzel NN (2006). “Chapter 1 - “Scope of the Problem,” in Safe Patient Handling and Movement: A Practical Guide for Health Care Professionals. Springer Publishing Co., pp. 1-26.

Collins JW (2006). “Chapter 10 – Safe Lifting Policies,” in Safe Patient Handling and Movement: A Practical Guide for Health Care Professionals. Springer Publishing Co., pp. 151-59 and 241-45.

Courtney TK, Sorock GS, Manning DP, Collins James W, and Holbein-Jenny MA (2003). Occupational slip, trip, and fall-related injuries-can the contribution of slipperiness be isolated? Taylor and Francis, London and New York.

Peer-Reviewed Manuscripts

Collins JW, Bell JL, Gronqvist R, Courtney TK, Sorock GS, Chang WR, et al., (2006). Slip, trip, and fall prevention in health care workers. International Association of Ergonomics (IEA) 2006 Congress Conference Proceedings. Maastricht, Netherlands.

Collins JW, Nelson A, and Sublet V (2006). “Safe Lifting, Handling, and Movement of Nursing Home Residents.” DHHS document disseminated to 18,000 U.S. nursing homes to stimulate program implementation.

Nelson AL, Collins, JW, Knibbe H, Cookson K, deCastro AB, Whipple KL, and Hudson A (In press). “Myths and Facts about policies for safe patient handling.” *Nursing Management*.

Nelson AL, Collins JW, Siddharthan K, Matz M, and Waters T. (In press) “Link between safe lifting and patient outcomes in long-term care.” *Rehabilitation Nursing*.

Waters T, Collins JW, Galinsky T, and Caruso C (In press). NIOSH research efforts to prevent musculoskeletal disorders in the healthcare industry. *Orthopaedic Nursing*.

Collins JW, Wolf LD, Bell J and Evanoff, B. (2004). “An Evaluation of a Best Practices,” Back Injury Prevention Program in Nursing Homes,” *Injury Prevention*, 10;206-211.

Evanoff B, Wolf L, Aton E, Canos J, and Collins JW (2003). “Reduction in Injury Rates in Nursing Personnel Through Introduction of Mechanical Lifts in the Workplace.” *American Journal of Industrial Medicine*, 44(5):451-457.

Courtney TK, Sorock GS, Manning DP, Collins JW, and Holbein-Jenny MA. “Occupational Slip, Trip, and Fall-related Injuries: Can the Contribution of Slipperiness be Isolated?” *Ergonomics*, Vol. 44, No.13, (2001), 1118 - 1137.

Zhuang Z, Stobbe TJ, Collins JW, and Hsiao H. “Psychophysical Evaluation of Assistive Devices for Transferring Residents.” *Applied Ergonomics*, 31 (2000) 35-44.

Zhuang Z, Stobbe TJ, Hsiao H, and Collins JW. “Biomechanical Evaluation of Assistive Devices for Transferring Residents.” *Applied Ergonomics*, 30 (1999) 285-294.

Collins JW and Braddee RW. “Preventing Injuries and Death of Workers Who Operate or Work Near Forklifts,” NIOSH Alert. DHHS (NIOSH) Publication No. 2000-112, December 1999.

Collins JW, Smith GS, Baker SP, Landsittel DP, and Warner M. “A Case-Control Study of Forklift and Other Powered Industrial Vehicle Incidents,” *American Journal of Industrial Medicine*, 36:522-531 (1999).

Collins JW, Smith GS, Baker SP, and Warner M. “Injuries Related to Forklifts and Other Powered Industrial Vehicles in Automobile Manufacturing,” *American Journal of Industrial Medicine*, 36:513-521 (1999).

Collins JW, Landen D, Kisner S, Johnston J, Chen S, and Kennedy R. “Fatal Occupational Injuries Associated with Forklifts, United States, 1980-1994,” *American Journal of Industrial Medicine*, 36:504-512 (1999).

Name: George A. Conway, MD, MPH

Title: Director, NIOSH Agriculture, Forestry, and Fishing Program and Chief, Alaska Field Station

Discipline: Medicine and public health

Division/Office: Division of Safety Research/Alaska Field Station

Location: NIOSH/Anchorage, AK

Address: 4230 University Drive, Anchorage, AK 99508

Telephone: 907-271-5249

NIOSH Employment: NIOSH: 8/1/1992; USPHS: 7/4/1988

Education:

August 1987 **Masters of Public Health**, Univ. of South Carolina School of Public Health, Columbia, South Carolina

May 1985 **M.D.**, University of New Mexico School of Medicine, Albuquerque, New Mexico

May, 1974 **Bachelor of Arts**, Antioch College, Yellow Springs, Ohio

July 1, 1988 - June 30, 1990 **Epidemic Intelligence Service**, CDC, Atlanta, GA

July 1, 1986 - June 30, 1988 **Preventive/Occupational Medicine Residency**, University of South Carolina, Columbia, S.C.

July 1, 1985 - June 30, 1986 **Internship - Family Medicine**, University of Wyoming Family Practice Residency Program, Casper, Wyoming

Professional Certifications:

General Preventive Medicine and Public Health, 1/30/90
South Carolina, License Number 12956, Expiration 12/31/07.

Aviation Medical Examiner, Federal Aviation Administration Serial Number 80051-9,
Expiration 5/31/07

Research Interests: Generally, the practical application of scientific methods, surveillance, and epidemiology for disease and injury prevention. Specifically, Field epidemiology; effective design, implementation, and management of public health programs; disease and injury surveillance and prevention; international health; occupational injury and infectious disease epidemiology; aviation medicine.

Memberships:

Member, United States Interagency Arctic Policy Group, 2000-present
Professor (adjunct), Rocky Mountain Center for Occupational and
Environmental Health, University of Utah School of Medicine, 2003
Member, Alaska Public Health Association, 1992-present
Member, Commissioned Officers Association of the U.S. Public Health Service,
1988-present
Chairperson, 10th International Conference on Safe Communities, 2000-2001
International Union for Circumpolar Health - President (term 1996-2000)
American Society for Circumpolar Health - President (term 1996-2000)
Federal Liaison, Alaska Injury Prevention Center, January 2000-December, 2002
Attending Physician, Alaska Champ Camp (for children with asthma), American Lung
Association, Talkeetna and Cooper Landing, Alaska, August 1998 & July, 1999
Consulting Physician, Health Curriculum Committee, Anchorage School District
(term 1999-2006)
Consulting Physician, American Board for Medical Advancement in China, 1996-2001
Judge, Antonio T.C. Chong Award for Research in Occupational Health and
Safety, American Board for Medical Advancement in China, 1998-2001.
Chair, Steering Committee, Anchorage Safe Communities Program, 1996-1999
Director, Alaska Public Health Association, 1996-1999
Member, International Advisory Board, International Journal of Circumpolar
Health, 1996-2001.
Anchorage Healthy Futures Project - Senior Research Consultant, 1995-1998
Member, American Public Health Association, (IC&EM and OS&H Sections)
Alaska Health Summit Steering and Planning Committees - member, 1994-1999

National Committee Assignments:

Member, United States Interagency Arctic Policy Group, 2000-present

Honors:

2004	USPHS Outstanding Service Medal
2003	Alaska Meritorious Health Service Award, Alaska Public Health Assoc.
2003	Alaska Governor's Special Achievement Award, to NIOSH Alaska Field Station
2002	U.S. Public Health Service Crisis Response Service Award
2001	U.S. Public Health Service Unit Commendation
1998	Alaska Governor's Special Recognition Award to NIOSH Alaska Field Station
1996	U.S. Public Health Service Commendation Medal.
1994	Federal Leadership Award, Alaska Occupational Injury Surveillance System
1993	U.S. Public Health Service Achievement Medal
1990	U.S. Public Health Service Unit Commendation
1989	U.S. Public Health Service Citation
1988	NIH/Fogarty Institute Young Investigator Award, Stockholm, Sweden
1987-1988	ATPM/CDC/EPO/EIS Fellowship in community-based epidemiology
1981-1985	Peterson Fund Scholar, University of New Mexico School of Medicine

Recent Publications:

Mode, N.A., Hackett, E.J., & G.A. Conway (in press) "Unique Occupational Hazards of Alaska: Animal-related Injuries" *Wilderness and Environmental Medicine*, 16:185-191 (2005).

Husberg, B.J., Fosbroke, D.E., Conway, G.A., & N.A. Mode (2005) "Hospitalized nonfatal injuries in the Alaskan construction industry" *American Journal of Industrial Medicine*, 47:428-433.

Conway, G.A., Mode, N.A., Berman, M., Martin. S., & A. Hill. (2005) "Flight safety in Alaska: Comparing attitudes and practices of high- and low-risk air carriers" *Aviation, Space, and Environmental Medicine*, 76(1): 52-57 (2005).

Conway, G.A., Hill, A., Martin. S., Mode, N. A., Berman, M., Bensyl, D., Manwaring, J., & K. Moran (2004) "Alaska air carrier operator and pilot safety practices and attitudes: A statewide survey" *Aviation, Space, and Environmental Medicine*, 75(11): 984-991 (2004).

Conway, G.C., Moran, K.A., & N.A. Mode (2004) "Scientific worker and licensed professional deaths in Alaska, 1990-2002" *International Journal of Circumpolar Health*, 63 (Suppl2): 353-56.

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Conway, G.A., Moran, K.A., and Mode, N.A.: "Scientific Worker and Licensed Professional Deaths in Alaska, 1990-2002" *International Journal of Circumpolar Health*, at press, 2003.

Hudson, D.S. and Conway, G.A.: “The role of hypothermia and drowning in commercial fishing deaths in Alaska, 1990-2002”, International Journal of Circumpolar Health, at press, 2003.

Conway, G.A.: “Casting their lot upon the water: Commercial Fishing Safety”, The Lancet, Volume 360, Number 9332, pp 503-4, 17 August 2002.

Lincoln, J.M., Hudson, D.S., Conway, G.A., and Pescatore, R. (Eds.): Proceedings of the International Fishing Industry Safety and Health Conference, DHHS (NIOSH) Publication No. 2003-102, 2002.

Lincoln JM, Husberg BJ, Conway GA [2002]: “Improving Safety in the Alaskan Commercial Fishing Industry”. Proceedings of the International Fishing Industry Safety and Health Conference. Woods Hole, MA. DHHS (NIOHS) Publication No. 2002-147: 211-221. October 2002.

Backus AS, Brochu PJ, Lincoln JM, Bensyl, D.M., Ciampa, J.R., Smith, T.J., and Conway, G.A.: “Work Practices, Entanglement of Lobstermen, and Entanglement Prevention Devices in the Maine Lobster Fishery: A Preliminary Survey.” Proceedings of the International Fishing Industry Safety and Health Conference. Woods Hole, MA. DHHS (NIOHS) Publication No. 2002-147: 269-282. October 2002

Conway, G.A., Lincoln, J.M., Hudson, D.S., Bensyl, D.B., Husberg, B.J., and Manwaring, J.C.: Surveillance and Prevention of Occupational Injuries in Alaska: A Decade of Progress, 1990-1999, DHHS (NIOSH) Publication No. 2002-15.

Conway, G, Moran, K, and Bensyl, D.: “Factors Associated with Pilot Fatalities in Work-Related Aircraft Crashes - Alaska, 1990-1999” Morbidity and Mortality Weekly Report, 2002; 51: pp347-349.

Conway, G.A., Lincoln, JM, Husberg, B.J., Bensyl, D.M. and Manwaring, J.C.: “Occupational Injury Research and Prevention in Alaska”, Arctic Research of the United States, V. 15, pp. 14-26, 2001.

Bensyl, D.M, Moran, K., Conway, G.A.: “Factors Associated With Pilot Fatalities in Work-Related Aircraft Crashes, Alaska, 1990-1999”, American Journal of Epidemiology, Vol. 154, No. 11, pp. 1037- 1042, 2001.

T.K. Thomas, J.M. Lincoln, B.J. Husberg, G.A. Conway: “Is it Safe on Deck? Fatal and Non-Fatal Workplace Injuries Among Alaskan Commercial Fishermen”, American Journal of Industrial Medicine, 40:693-702, 2001.

Conway, G.A., Lincoln, J.M., Husberg, B.J., Manwaring, J.C., Bensyl, D.M., et al: “Alaska’s Model Occupational Injury Program: Applying Surveillance for Prevention”, International Journal of Circumpolar Health, 60:4, pp. 714-723, 2001.

Conway, G.A.: “The Future of Arctic and Circumpolar Health”, International Journal of Circumpolar Health, 60:4, pp. 724-728, 2001.

Thomas, T.K., Bensyl, D.M., Manwaring, J.C., and Conway, G.A.: Controlled Flight into Terrain Accidents Among Commuter and Air Taxi Operators in Alaska”, Aviation, Space, and Environmental Medicine, Vol. 71, November, 2000, pp. 1098-1103.

Conway, G.A.: “Epidemiology and Prevention of Alaska Rotocraft Accidents” in Proceedings of the General Aviation Accident Prevention Symposium, September 21-22, 2000, National Transportation Safety Board, Washington, D.C.

Klatt, M.L. and Conway, G.A., eds.: Proceedings of the Second National Fishing Industry Safety and Health Workshop, DHHS (NIOSH) Publication No. 2000-104, January, 2000.

Garrett, L.C. and Conway, G.A.: Characteristics of Moose-Vehicle Collisions in Anchorage, Alaska, 1991-1995”, Journal of Safety Research, Vol. 30, pp. 219-223, 1999.

Conway GA, Lincoln JM, Husberg BJ, et al.: “Alaska’s Model Program for Surveillance and Prevention of Occupational Injury Deaths”, Public Health Reports, Vol 114, 1999: 6:50-58.

Conway GA, Husberg BJ. “Cold-Related Non-Fatal Injuries in Alaska” American Journal of Industrial Medicine, S1:39-41, September 1999.

Lincoln, JM and Conway, GA. “Preventing commercial fishing deaths in Alaska” Occupational and Environmental Medicine 1999; 56:691-95.

Garrett LC, Conway GA, and Manwaring JC.: "Epidemiology of Work-Related Aviation Fatalities in Alaska, 1990-1994", Aviation, Space, and Environmental Medicine, 1998; 69: 1131-1136.

Husberg BJ, Conway GA, Moore M, Johnson M.: Surveillance for non-fatal work-related injuries in Alaska, 1991-1995. American Journal of Industrial Medicine, 34:493-498. November 1998.

Manwaring JC, Conway GA, Garrett LC. Epidemiology and Prevention of Helicopter External Load Accidents, Journal of Safety Research, Vol. 29:No.2, p107-121, 1998

Conway GA, Husberg BJ, Lincoln JM.: “Cold as a Risk Factor in Working Life in the Circumpolar Regions.” Problems with Cold Work, Holmer I, Kuklane K, eds, Proceedings from an International Symposium Held in Stockholm, Sweden, November 1997. National Institute for Working Life, November 1998, Stockholm, Sweden, p1-10.

Conway GA. Hazards Associated with Fish Farming and Aquaculture, International Labor Organization Encyclopedia of Occupational Safety and Health, ILO, Geneva, Switzerland, 1998.

Conway GA, Trent JN, and Brown ME. Hunting and Trapping (chapter) International Labor Organization Encyclopedia of Occupational Safety and Health, ILO, Geneva, Switzerland, 1998.

Fortuine, R., Conway, G.A., Schraer, C.D., Dimino, M.J., and Hild, C.M. (editors): Circumpolar Health 96, Proceedings of the Tenth International Congress on Circumpolar Health, International Journal of Circumpolar Health, Vol 57, Supplement 1, 1998.

Garrett LG, Conway GA.: “Aviation: A Serious Occupational Hazard - Alaska, 1990-1995”, International Journal of Circumpolar Health, Vol 57, Supplement 1, 1998, p510-517.

Garrett LG, Conway GA.: “Moose-Auto Collisions, Anchorage, Alaska, 1990-1995”, International Journal of Circumpolar Health, Vol 57, Supplement 1, 1998, p527-531.

Conway GA, Lincoln JM, Jorgensen, SA, Klatt ML, and Manwaring, JC.: “Preventing Drownings in Alaska’s Commercial Fishing Industry”, International Journal of Circumpolar Health, Vol 57, Supplement 1, 1998, p503-509.

Conway GA, Klatt ML, Manwaring J.C.. “Effective Injury Prevention Using Surveillance Data: Helicopter Logging, Alaska, 1992-1995”, International Journal of Circumpolar Health, Vol 57, Supplement 1, 1998, p518-526.

Conway GA and Manwaring J.C.. “Epidemiology and Prevention of Helicopter Logging Injuries” Health and Safety in Agriculture, Forestry, and Fisheries, Langley, RL, McLymore, RL, Meggs, WL, Robertson, GT, eds. Government Institutes Inc., Chapel Hill, N.C. , pp. 529-544, 1997.

Lincoln, JM and Conway, GA.: Commercial Fishing Fatalities in Alaska, Risk Factors and Prevention Strategies @, NIOSH Current Intelligence Bulletin 58, September 1997.

Lincoln JM, Perkins R., Melton F., Conway GA.: “Drowning in Alaskan Waters”, Public Health Reports, 111 (6): 531-535, 1996.

Conway GA.: Progress in Circumpolar Health, Alaska Medicine 38 (4), 1996.

Conway GA and Lincoln JM.: “Preventing Deaths in Alaska’s Fishing Industry” (Editorial), Public Health Reports, 110 (6): 700, 1995.

Klatt ML, Kennedy RD, Conway GA. “Years of Potential Life Lost and Lost Future Productivity Due to Occupational Fatalities – Alaska”, Alaska Medicine, Vol. 37: No. 4, 1995.

Manwaring JC, Conway GA, Study DG.: “Helicopter Crashes/Injuries During Heli-Logging in Alaska: Reducing Risk and Injury” ASSE Safety Technology 2000, 521-534, 1995.

Conway GA. “Epidemiology of Alaska Helicopter Logging Deaths”, in: Proceedings of the Helicopter Logging Safety Workshop, March 1-2, 1995, Ketchikan, Alaska, Klatt ML, Hudson

D, Conway GA. eds., Alaska Interagency Working Group for the Prevention of Occupational Injuries, Anchorage, Alaska, 1996.

Klatt M., Hudson D, Conway GA (Eds.): Proceedings of the Helicopter Logging Safety Workshop, March 1-2, 1995, Ketchikan, Alaska, Alaska Interagency Working Group for the Prevention of Occupational Injuries, Anchorage, Alaska, 1996.

Conway G., Klatt M., Kennedy R, Lincoln JM Manwaring JC, Bledsoe G, Middaugh J. "Occupational Homicide, Alaska, 1993", Morbidity and Mortality Weekly Report, Vol. 43, July 29, 1994: pp. 534-36.

Manwaring J.C., Conway GA, Bledsoe GL, Study G, Hurlihy D. "Extremely High Risk for Traumatic Injuries from Helicopter Crashes During Sling-load Logging Operations in Southeast Alaska, January 1992 - June 1993", Morbidity and Mortality Weekly Report, Vol. 43, July 8, 1994: pp. 472-475.

Fernando NH, Petersen LR, Conway GA, Critchley SE.: "Prevalence of Antibody to the Human Immunodeficiency Virus Among Clinical Laboratory Specimens: Findings From a Survey of Primary Care Physicians", Journal of Acquired Immune Deficiency Syndromes, 7 (2):177-181, 1994.

Hjelle B., Khabaz RF, Conway GA, North C, Green D, Kaplan JE.: "Prevalence of HTLV-II in American Indian Populations of the Southwestern United States", American Journal of Tropical Medicine and Hygiene, Vol. 51: 11-15, 1994.

Conway GA. "Surveillance for Work-Related Fatalities in the Alaskan Commercial Fishing Industry", Proceedings of the National Fishing Industry Safety and Health Workshop, Anchorage, Alaska October 9-11, 1992. NIOSH, Centers for Disease Control, 1994.

Shannon S.C., Gensheimer KF, LeHay RH, Ciampa J, Conway GA, Horan JM.: "Fatalities Associated with Harvesting of Sea Urchins - Maine, 1993", Morbidity and Mortality Weekly Report, 43 (13):235-242, 1994.

Kennedy RD, Veazie M, Conway GA, Amandus H. "Fishing Deaths Vary by Fishery," American Journal of Public Health, 84 (3): 496, 1994.

Conway GA, Epstein MR, Hayman CR, Miller CA, Wendell DA, Gwinn M, Karon JM, Petersen LR. "Trends in HIV Prevalence in Disadvantaged Youth: Survey Results from a National Job Training Program, 1988-1992", Journal of the American Medical Association, 1993, 269:2887-2889.

Kennedy RD, Conway GA., Helmkamp J, et al. "Commercial Fishing Fatalities - Alaska, 1991-1992", Morbidity and Mortality Weekly Report, 1993, 42:350-359.

Conway GA, Ambrose TA, Chase E, Hooper EY, Helgerson SH, Johannes P, Epstein MR, McRae BA, et al.: "HIV Infection in American Indians and Alaska Natives: Surveys in the U.S. Indian Health Service", Journal of Acquired Immune Deficiency Syndromes, 5: 803-809, 1992.

Lieb LE, Conway GA, Hedderman M, Yao J, Kerndt PR. "Racial Classification of American Indians with AIDS in Los Angeles County", Journal of Acquired Immune Deficiency Syndromes, 5:1137-41, 1992.

Conway GA, Ambrose TA, Epstein MR, Chase E, Johannes P, Hooper EY, and Helgerson SD. "Prevalence of HIV and AIDS in American Indians and Alaska Natives", IHS Primary Care Provider, May, 1992.

Hurlich MD, Hopkins SG, Sakuma J, Conway GA.: "Racial Ascertainment of AI/AN Persons with AIDS, Seattle/King County Washington 1980-1989", IHS Primary Care Provider, May, 1992.

St. Louis ME, Conway GS, Hayman CR, Miller C, Petersen LR, Dondero TJ.: "Human Immunodeficiency Virus Infection in Disadvantaged Adolescents: Findings from the U.S. Job Corps", Journal of the American Medical Association, 1991, 266:2387-2391.

Metler MR, Conway GA, and Stehr-Green J.: "AIDS Surveillance Among American Indians and Alaska Natives", American Journal of Public Health, November, 1991, 1469-71.

Conway GA. "HIV in Job Corps Entrants" and "The National Clinical Laboratory Survey", National HIV Seroprevalence Surveys - Summary of Results, Division of HIV/AIDS, Center for Infectious Diseases, CDC, Atlanta, GA, September, 1990, pp. 20-21, 23.

Conway GA, Heath CW, Colley-Niemeyer B.: "AIDS Surveillance in South Carolina", Journal of the American Medical Association, 1990, Vol. 263, pp. 2450.

Conway GA, Colley-Niemeyer B, Pursley C, Cruz C, Burt S, Rion P, Heath CW, Jr. "Underreporting of AIDS Cases in South Carolina, 1986 and 1987", Journal of the American Medical Association, 1989, 262:2859-2863.

Monroe M, Colley-Niemeyer B, Conway GA.: Studies of HIV Seroprevalence and AIDS Knowledge, Attitudes, and Risk Behaviors in Inmates in the South Carolina Department of Corrections, South Carolina DHEC May 31, 1989, 1-58.

Gabel HD, and Conway GA.: "HIV Prevalence in a Medically Indigent Obstetrical Population", South Carolina Medical Journal, Vol. 84, number 9, September, 1988.

Name: Richard S. Current

Title: General Engineer (Research)

Discipline: Mechanical/Safety Engineering

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, MS G800, Morgantown, WV 26505

Telephone: 304-285-6084

NIOSH Employment: March 28, 1998

Education:

BS, Aerospace Engineering, 1991
30+ hours graduate engineering education

Professional Certifications:

Registered Professional Engineer (State of WV PE# 015802)

Research Interests:

Worker transportation Occupant Safety (Tractors, Ambulance Safety/Crashworthiness, other worker transportation issues)

Mitigation of Occupational Injury due to Biomechanical impact

Memberships:

Society of Automotive Engineers-Full Member

National Committee Assignments:

ANSI AMT B11 Machine Safeguarding, committee member

Recent Publications, Presentations:

Development of a Pultruded FRP composite material ROPS for Farm Tractors, JR Etherton, MR Ronaghi, RS Current, *Journal of Composite Structures*, *In-Press Available on-line October 14, 2005*

J. Green, P. Moore, R. Current, J. Yannaccone, G. Whitman, D. Day, S. Proudfoot, T. Bobick, N. Romano **“REDUCING VEHICLE CRASH-RELATED EMS WORKER INJURIES THROUGH IMPROVEMENTS IN RESTRAINT SYSTEMS”**, *XVIIth World Congress on Safety & Health at Work - September 18-22, 2005*

Ambulance Crash Research at NIOSH presentation to National Truck Equipment Association - Ambulance Manufacturers Division meeting in Tampa, FL. Business meeting with 50 some people and about 8 presenters. (45 minute Oral presentation not published)

Pan, C.S., Miller, K., Chiou, S., Kau, T.Y., Current, R. **‘Validation of a computer-simulation model for human ambulation on stilts’** 2004 American Industrial Hygiene Conference & Exposition (Atlanta, GA) May 8-13, 2004, Paper 9

Rebecca Giorcelli, PhD, Richard Hughes, PhD, Richard Current (Corresponding Author), and John Myers, *Journal of Applied Biomechanics*, Technical Note, **“Accuracy of a System for Measuring Three-Dimensional Torso Kinematics during Manual Materials Handling”**, Volume 20, Number 2, May 2004, pp 185-194

J Guan, H Hsiao, R Current, J Powers, D Ammons, [2003] **“Traumatic Injury Potential to Seat Belted Operator during a Rearward Overturn of a ROPS Equipped Farm Tractor”**, NORA Symposium 2003 Working Partnerships: Applying Research to Practice [2003] Field-Study, Arlington, Virginia, June 23

Bobick TG, Proudfoot SL, Romano NT, Moore PH, Current RS, Green JD, [2003] **“Ambulance Crash-Related Injuries Among EMS Workers”**, NOIRS 2003 October 28-30, 2003

Career Fire Fighter Dies From Injuries When Stationary Fill Tank Becomes Over-Pressurized and Suffers Catastrophic Failure - California@, F2001-26 July 26, 2001 ; (engineering expertise for diagrams and reviewed NFPA 1900.1 and related standards for investigation.)

Restaurant Fire Claims the Life of Two Career Fire Fighters - Texas@, NIOSH Fire Fighter Investigation Report F2000-13, February 7, 2001 (engineering assistance for NIOSH investigation)

Ronaghi M, Current RS, and Etherton JR [2001], **“Research on the Use of Composite Materials in a New Rollover Protective Structures (ROPS)”** Proceedings of National Institute for Farm Safety Annual Conference (Pittsburgh, Pennsylvania, June 24-27).

McKenzie EA, Powers JR, Harris JR, Ronaghi M, Etherton JR, Current RS, Cantis DM, Newbraugh BH, and Lutz TJ [2001], **“Continuing Developments at NIOSH on ROPS for Agricultural Tractors”** In the Proceedings of The National Institute for Farm Safety Annual Conference, (Pittsburgh, Pennsylvania June 24 -27)

Ackman, T.E., Connie Lyons, and Richard Current, [1998] **“A geophysical evaluation of a small coal mine injected with coal combustion by-products”**, Fifteenth Annual International Pittsburgh Coal Conference, Sept 14-18, 1998 Session 5, ISBN 1-890977-15-2.

Ackman, TE, Lyons CE and R. Current, [1998] **“Post-Injection Evaluation of the Winding Ridge Site”**, Proceedings of the 19th Annual WV Surface Mine Drainage task Force Symposium Morgantown, WV April 7-8 1998. Page 19

Name: Susan J. Derk, MA

Title: Epidemiologist

Discipline: Occupational Injury Epidemiology

Division/Office: Division of Safety Research/Surveillance and Field Investigations Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Rd, MS 1808, Morgantown, WV 26505

Telephone: 304-285-6245

NIOSH Employment: May 21, 2000

Education:

Master of Arts, Applied Social Research, West Virginia University, 1993

Bachelor of Arts, Political Science, West Virginia University, 1989

Research Interests: Work-related injuries and illnesses

Recent Publications:

Marsh SM, Derk SJ, Jackson LL, 2006. Nonfatal occupational injuries and illnesses among workers treated in hospital emergency departments—United States, 2003; MMWR: 55(16), 449-452.

Henneberger PK, Derk SJ, Sama SR, Boylstein RJ, Hoffman CD, Preusse PA, Rosiello RA, Milton DK, 2006. The frequency of workplace exacerbation among health maintenance organization members with asthma; Occup Environ Med: 63,551-557.

Name: David E. Fosbroke

Title: Statistician (Health)

Discipline: Statistics

Division/Office: Division of Safety Research/Surveillance and Field Investigations Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-6010

NIOSH Employment: 1991

Education:

BS, Forestry, University of Maine, Orono, ME, 1982

MSF, Forest Management, West Virginia University, Morgantown, WV, 1991

Research Interests:

Construction injuries, logging injuries, occupational injury surveillance

Memberships:

Standing Member of the National Safety Council Construction Division

National Committee Assignments:

OSHA/NIOSH Roadway Work Zone Safety and Health Coalition

Recent Publications:

Kisner SM, Fosbroke DE [1994]. Injury hazards in the construction industry. *J Occup Med* 36(2):137- 143.

Robinson CF, Halperin WE, Alterman T, Braddee RW, Burnett CA, Fosbroke DE, Kisner SM, Lalich NR, Roscoe RJ, Seligman PJ, Sestito JP, Stern FB, Stout NA [1995]. Mortality patterns among construction workers in the United States. Philadelphia, PA: Henley & Belfus, Inc., *Occupational Medicine: State of the Art Reviews* 10(2):269-283.

Braddee RW, Myers JR, Fosbroke DE [1996]. Logging deaths in the United States, published in *Proceedings of the 1995 Society of American Foresters Convention*, Portland, Maine, October 28-November 1, 1995.

Fosbroke DE, Myers JR [1996]. Logging safety and forest management education: A necessary link. *Journal of Forestry* 94(7):21-25.

Fosbroke DE, Myers JR [1996]. Logging safety in forest management education. In Finley JC and Steiner KC, eds. *Proceedings of the First Biennial Conference on University Education in Natural Resources*, State College, PA, March 3-5, 1996.

Chiou S, Pan CS, Fosbroke DE [1997]. Identification of risk factors associated with traumatic injuries among drywall installers, presented and published in the proceedings of the 12th International Occupational Ergonomics and Safety Conference '97, Washington, DC, June, 1997.

Ore T, Fosbroke DE [1997]. Motor vehicle fatalities in the United States construction industry. *Accid Anal and Prev* 29(5):613-626.

Fosbroke DE, Kisner SM, Myers JR [1997]. Working lifetime risk of occupational fatal injury. *Am J Ind Med* 31:459-467.

Chen GX Fosbroke DE [1998]. Work-related fatal-injury risk of construction workers by occupation and cause of death. *Human and Ecological Risk Assessment* 4(6):1371-1390.

Myers JR, Kisner SM, Fosbroke DE [1998]. Lifetime risk of fatal occupational injuries within industries, by occupation, gender, and race. *Human and Ecological Risk Assessment* 4(6):1291-1307.

Sweeney MH, Fosbroke DE, Goldenhar L, Jackson L, Linch K, Lushniak BD, Merry C, Schneider S Stephenson M [2000]. Health consequences of working in construction. Chapter 10 In: Coble, Hinze & Haupt eds. *Construction Safety and Health Management*, Prentiss Hall, Columbus, OH.

Pratt SG, Fosbroke DE, Marsh SM [2000]. Building safer highway work zones: measures to prevent worker injuries from vehicles and equipment. DHHS (NIOSH) Publication No. 2001-128.

Fosbroke D [2003]. Moving Beyond Surveillance: Lessons Learned from NIOSH Construction Safety Projects [Abstract] In: *National Occupational Injury Research Symposium 2003*, October 28-30, 2003, Pittsburgh, PA: <http://www.cdc.gov/niosh/noirs/noirsmain.html>.

Newbraugh B, Pratt S, Ammons D, Beaupre J, Fosbroke D, Fox J, Griffin C, Hammer R, Markovich S, Hause M, Merinar T, Powers J, Hendricks S [2005]. Evaluating Roadway Construction Work Zone Interventions [Abstract], *Lifesavers 2005 National Conference on Highway Safety Priorities*, Charlotte, NC, March 13-15, 2005.

Husberg BJ, Fosbroke DE, Conway GA, Mode NA [2005]. Hospitalized Nonfatal Injuries in the Alaskan Construction Industry. *Am J Ind Med* (47):428-433.

Name: E. Michael Goldcamp

Title: Epidemiologist

Discipline: Epidemiology

Division/Office: Division of Safety Research/Surveillance and Field Investigations Branch

Location: NIOSH/Morgantown, West Virginia

Address: 1095 Willowdale Road, M/S H1808, Morgantown, West Virginia 26505

Telephone: 304-285-5951

NIOSH Employment: April 21, 2001

Education:

Ph.D., Political Science, West Virginia University, 2000

M.A., Public Policy, West Virginia University, 1996

B.A., Psychology, University of Cincinnati, 1991

Professional Certifications:

Research Interests:

Agriculture-related injuries to youth and adults

All-Terrain vehicle injuries to youth and adults

Memberships:

National Committee Assignments:

Honors:

Recent Publications:

Goldcamp, E, J Myers, K Hendricks, L Layne, and J. Helmkamp. 2006. Nonfatal All-Terrain Vehicle-Related Injuries to Youths Living on Farms in the United States, 2001. *The J Rural Health* 22 (4) 309-313.

Hendricks K, Myers J, Layne L, Goldcamp M [2005]. Household youth on minority operated farms in the United States 2000: Exposures to and injuries from work, horses, ATVs and tractors, *J Safety Res* 36:149-157.

NIOSH [2005]. *Injury and Asthma Among Youth Less Than 20 Years of Age on Minority Farm Operations in the United States, 2000. Volume 1: racial minority national data.* By Myers JR, Hendricks KJ, Goldcamp EM, Layne L, Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication Number 2005-147.

NIOSH (2005). *Injury and Asthma among Youth Less than 20 Years of Age on Minority Farm Operations in the United States, 2000: Volume II: Hispanic national data.* By Myers JR, Hendricks KJ, Goldcamp EM, Layne L. Morgantown, WV: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2005-147.

Goldcamp EM, Myers JR, Hendricks KJ, Layne LA [2004]. Nonfatal all-terrain vehicle injuries to youth on farms in the U.S., 2001 [Abstract] In: the National Institute for Farm Safety 2004 Annual Meeting, Keystone, CO, 2004 June.

Goldcamp M, Hendricks KJ, Myers JR [2004]. Farm fatalities to youth 1995-2000: A comparison by age groups, *J Safety Research* 35(2):151-157.

Hendricks K, Goldkamp E, Myers J [2004]. On-farm Falls among Youth Less than 20-years old in the U.S., *Journal of Agric Saf Health* 10(1):27-38.

McHugh M, Hendricks KJ, Goldcamp EM, Myers JR (2004). *Injuries to Youth on Minority Farm Operations.* Morgantown, WV: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2004-117.

McHugh M, Hendricks KJ, Goldcamp EM, Myers JR (2004). *Asthma among Household Youth on Minority Farm Operations.* Morgantown, WV: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2004-118.

Goldcamp EM, Myers JR, Hendricks KJ, Layne LA [2003]. Non-fatal Injuries: an Overview of Injuries to Youth on Racial Minority Operated Farms in the United States, 2000 [Abstract] In: *Proceedings of The National Institute for Farm Safety 2003 Annual Meeting, June 22-26, 2003, Columbia, MO.*

Hendricks KJ, Myers JR, Goldcamp EM, Layne LA [2003]. Farm hazards to household youth on minority operated farms in the United States, 2000: exposures and injuries from work, horses, ATV's and tractors [Abstract] In: *Proceedings of The National Institute for Farm Safety 2003 Annual Meeting, June 22-26, 2003, Columbia, MO.*

Layne LA, Myers JR, Hendricks KJ, Goldcamp EM [2003]. Demographics and non-fatal injury patterns of youth less than 20 years of age on Hispanic-operated farms in the United States, 2000. [Abstract] In: *Proceedings of The National Institute for Farm Safety 2003 Annual Meeting, June 22-26, 2003, Columbia, MO.*

Name: James D. Green

Title: Safety Engineer

Discipline: Mechanical Engineering

Division/Office: Division of Safety Research/Protective Technology Branch

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Address: 1095 Willowdale Road, Morgantown, WV 26505

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NIOSH Employment: July 7, 1997

Education:

MBA, University of Maryland, 1994

BS, Mechanical Engineering, West Virginia University, 1984

Professional Certifications: Engineer in Training (EIT)

Research Interests: Ambulance/Vehicle Safety, Residential Construction

Memberships: None

National Committee Assignments: None

Honors: None

Recent Publications:

Green JD, Moore PH, Current RS, Bobick TG, Proudfoot S, Romano NT [2005]. “Reducing Vehicle Crash-Related EMS Worker Injuries Through Improvements In Restraint Systems,” *Proceedings of the XVIIth World Congress on Safety and Health at Work* {September 16 – 20} Orlando, Florida.

Name: Jinhua Guan, Ph.D.

Title: Associate Service Fellow

Discipline: Kinesiology

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Rd., Morgantown, WV 26505

Telephone: 304-285-6333

NIOSH Employment: September 1999

Education:

Ph.D. Kinesiology, University of Minnesota, 1998.

Master of Arts in Education, University of Minnesota, 1994.

Bachelor of Arts in English, Beijing Institute of Foreign Languages, Beijing, P. R. China, 1984.

Professional Certifications:

Research Interests :

Anthropometry

Biomechanics

Perceptual and motor behavior

Memberships :

National Committee Assignments:

Honors:

Bullard-Sherwood Award for Research-to-Practice, Knowledge Category, Harness Design and Sizing Effectiveness, National Institute for Occupational Safety and Health, 2006.

Recognition Award for Contribution to the Digital Human Modeling for Design and Engineering International Conference and Exposition, Society of Automotive Engineers, June, 2000.

Behavioral and Brain Sciences Associate, 1995 - present.

Graduate School Fellow, University of Minnesota, 1989 – 90.

Recent Publications:

Refereed Articles:

Hsiao H., Whisler R., Kau T., Zwiener J., Guan J., and Spahr J. , Constructing New Harness Fit Charts using 3D Anthropometric Information, Contemporary Ergonomics, 3-7, 2005.

Zhuang, Z., Guan, J., Hsiao, H., and Bradmiller, B. (2004). Evaluating the representativeness of the LANL respirator fit test panels for the current U.S. civilian workers. Journal of the International Society for Respiratory Protection, 21(III-IV):83-92.

Hsiao, H., Guan, J., & Weatherly, M. (2002). Accuracy and precision of two in-shoe pressure measurement systems. Ergonomics, 45(8), 537-555.

Hsiao, H., Guan, J., Mayeux, B., & Cutlip, R. (2000). Identifying less stressful work methods: Computer-aided simulation vs. human subject study. SAE Transactions, 109(6): 2231-2236.

Guan, J. & Wade, M. G. (2000). The effect of aging on adaptive eye-hand coordination. Journal of Gerontology Series B: Psychological Sciences, 55B, P151- P162.

Wade, M. G. & Guan, J. (1996). Anthropomorphizing the CNS: Is it what or who you know? Behavioral and Brain Sciences, 19, 90-91. (Commentary).

Non-Refereed Article:

Guan, J, Higgins, D, Merinar, T, Casini V, Spahr J. (2004). ROPS equipped soil compactor overturn kills operator –Tennessee. Department of Health and Human Services, Public Health Service, Center for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. 2004-02.

Hsiao, H., Guan, J., Mayeux, B., Cutlip, R. (2000). Identifying less stressful work methods: Computer-aided simulation vs. human subject study. Society of Automotive Engineers Technical Paper, No. 2000-01-2163.

Name: David L. Hard, Ph.D.

Title: Research Health Scientist

Discipline: Agriculture

Division/Office: Division of Safety Research/Analysis and Field Evaluations Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-6068

NIOSH Employment: June 1990

Education:

Doctor of Philosophy - December, 1989, The Ohio State University, Columbus, Ohio

Major - Agricultural Education

Areas of Study - Research and Statistics, Agricultural Mechanics, Teacher Education

Master of Education - Practical Arts and Vocational-Technical Education

1981, University of Missouri, Columbia

Major - Agricultural Education

Support Area - Agricultural Mechanics

Bachelor of Science in Agriculture (Cum Laude and Honors Scholar)

1979, University of Missouri, Columbia

Major - Agricultural Education

Professional Certifications: Teaching Certificate - Missouri Life Secondary

Research Interests: Agricultural injury prevention, youth agricultural injury prevention

Memberships:

American Society of Agricultural and Biological Engineers

National Institute for Farm Safety

National Committee Assignments:

American Society of Agricultural and Biological Engineers, Ergonomics, Safety and Health Division, Chair July 2006 – present.

USDA Hazardous Occupational Safety Training in Agriculture National Steering Committee—2001 to present.

North American Guidelines for Children’s Agricultural Tasks (NAGCAT) Committee—1998 to present. Developed 62 guidelines for distribution on a national level

NIOSH-wide National Skills Standards Team—member representing NIOSH Agriculture Steering Committee and DSR (2-8-99 to present)

National Committee for Childhood Agricultural Injury Prevention (NCCAIP), March 1995 to April 1996.

National Committee for Childhood Agricultural Injury Prevention (NIOSH representative)—Chair of the Research Committee—1995-1996.

Honors:

National Institute for Farm Safety President’s Award (2005 & 2003)

Alice Hamilton Science Award for Occupational Safety and Health, 1996 nominee

Recent Publications:

REFEREED PAPERS

Hard DL & Myers JR. 2006. Fatal Work-Related Injuries in the Agriculture Production Sector Among Youth in the United States, 1992-2002. In press. The Journal of Agromedicine.

Chapman LJ, Taveria AD, Josefsson KG and Hard DL. 2003. Evaluation of an occupational injury intervention among Wisconsin dairy farmers. Journal of Agricultural Safety and Health, 9(3): 197-209.

Hard DL, Myers JR and Gerberich SG. 2002. Traumatic injuries in agriculture. Journal of Agricultural Safety and Health, 8(1):51-65.

Joeseffson KG, Chapman LJ, Taveira AD, Holmes BJ and Hard DL. 2001. A hazard analysis of three silage storage methods for dairy cattle. Human and Ecological Risk Assessment. 7(7):1895-1908.

Landsittel D, Murphy DJ, Kiernan NE, Hard DL, Kassab,C. 2001. An evaluation of the effectiveness of educational interventions in the Pennsylvania Central Region farm safety pilot project. American Journal of Industrial Medicine, 40(2):145-152.

Hard DL, Myers JR, Snyder KA, Casini VJ, Morton LL, Cianfrocco R and Fields J. 1999. Identifying work-related fatalities in the agricultural production sector using two national occupational fatality surveillance systems, 1990-1995. Journal of Agricultural Safety and Health, 5(2):155-169.

Hard DL, Myers JR, Snyder KA, Casini VJ, Morton LL, Cianfrocco R and Fields J. 1999. Young workers at risk when working in agricultural production. American Journal of Industrial Medicine, Volume 36, Supplement 1

Myers JR, Hard DL, Snyder KA, Casini VJ, Moron LL, Cianfrocco R and Fields J. 1999. Risks of fatal injuries to farm workers 55-years of age and older. American Journal of Industrial Medicine, Volume 36, Supplement 1:29-30.

Murphy DJ, Kiernan NE, Hard DL and Landsittel D. 1998. The ennsylvania Central Region farm safety pilot project: Part I--Rationale and baseline results. Journal of Agricultural Safety and Health, 4(1):25-41.

Castillo D, Hard D, Myers J, Pizatella T, Stout N. 1998. A national childhood agricultural injury prevention initiative. Journal of Agricultural Safety and Health, Special Issue 1: 183-191.

Pratt SG and Hard DL. 1998. Risk factors associated with agricultural workplace fatalities. Journal of Agricultural Safety and Health, Special Issue 1: 29-38.

Myers J, Snyder K, Hard D, Casini V, Cianfrocco R, Fields J and Morton L. 1998. Statistics and epidemiology of tractor fatalities--A historical perspective. Journal of Agricultural Safety and Health, 4(2): 95-108.

Landsittel D, Hard DL, Murphy DJ and Kiernan NE. 1998. The Pennsylvania Central Region Farm Safety Pilot project: Part II--Baseline data associations between approach-to-safety and hazard conditions. Journal of Agricultural Safety and Health, Special Issue 1: 21-28.

Hard D. 1997. Fourth edition of the International Labour Offices' Encyclopaedia of Occupational Health and Safety. Volume 3, Part IV: Industries and Occupations, in Chapter *Livestock and Rearing*, Myers M, editor, article *Animal Behaviour*, 70.14.

Mason RW, ed.: Report to Congress on workers' home contamination study conducted under the Workers' Family Protection Act [281 pages]. NIOSH, US Dept Health & Human Services, Cincinnati, OH. September, 1995.

Myers J R.& Hard DL. 1995. Work-Related fatalities in the agricultural production and services sectors, 1980-1989. American Journal of Industrial Medicine, 27(1):51-63. Wiley-Liss, Inc., NY, NY.

REVIEWED PUBLICATIONS

Hard DL and Myers JR. (2005). Fatal Work-Related Injuries in the Agriculture Production Sector Among Youth in the United States, 1992-2002. National Institute for Farm Safety Technical Paper #7, Wintergreen, VA.

Hard DL, Myers JR (2003). Surveillance of on-farm injuries to youth in the United States. Future of Rural Peoples: Rural Economy, Healthy People, Environment, Rural Communities, Fifth International Symposium. Saskatoon, Saskatchewan, Canada: IAREH. Institute of Agricultural Rural and Environmental Health: M23-M24; Oct 19-23, 2003.

Hard, DL(2003). The NIOSH childhood agricultural injury prevention initiative (Abstract & Presentation). NOIRS 2003-Abstracts of the National Occupational Injury Research Symposium 2003. Pittsburgh, PA, Oct., 28-29, 2003.

Lee, B., Gallagher, S., Marlenga, B., & Hard, D. (Eds.). (2002). Childhood Agricultural Injury Prevention: Progress Report and Updated National Action Plan from the 2001 Summit. Marshfield, WI: Marshfield Clinic.

Hard DL, Castillo DN, Myers JR, Pizatella TJ and Olenchock SA. 2000. Overview of the NIOSH childhood agricultural injury prevention initiative (Abstract & Presentation). National Occupational Research Symposium (NOIRS) 2000, p.18. Pittsburgh, PA, October 17-19, 2000.

Hard D, Olenchock S, Lee B and Wilkinson, T. 1998. National Farm Safety and Health Week--September 20-26, 1998. Morbidity and Mortality Weekly Report, Volume 47, Number 35 (Sept. 11, 1998), p.1.

Hard D, Wilkinson T, Knobloch M and Lancaster M. 1998. Rural Health: Farm Watch. National Edition Health Scene: Journal of Wellness and Good Health Care, Jan./Feb., pp. 4.

Murphy DJ, Kiernan NE, Hard DL and Landsittel D. 1997. The Pennsylvania Central Region farm safety pilot project: Evaluating educational interventions. National Institute for Farm Safety Paper No. 97-2.

Pratt SG and Hard DL. 1997. Risk factors associated with agricultural workplace fatalities. National Institute for Farm Safety Paper No. 97-7.

Children and Agriculture: Opportunities for Safety and Health. A National Action Plan. Report of the National Committee for Childhood Agricultural Injury Prevention. National Farm Medicine Center, Marshfield, WI, (#910-035), 1996.

Name: James R. Harris

Title: Research Safety Engineer

Discipline: Mechanical/safety engineering

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, West Virginia

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NIOSH Employment: April 2, 1995

Education

MS, mechanical engineering, West Virginia University, 1995

Professional Certifications

Registered Professional Engineer, #13749, State of West Virginia, 1998

Research Interests

Engineering Controls, Protective Equipment, Incorporating FEA and CAD into Engineering Control Design, Safety Eyewear Performance, Agricultural Safety, Technology Transfer

Memberships

American Society of Mechanical Engineers

American Society of Safety Engineers

National Committee Assignments

ANSI Z87 accredited committee on Occupational and Educational Personal Eye and Face Protection Devices

Honors

2005 Bullard-Sherwood Award for Research *2Practice* – Honorable Mention, ROPS Technology Transfer Team.

The Federal Laboratory Consortium Southeast Region, Honorable Mention for Excellence in Technology Transfer, Automatically Deploying Roll-over Protection System (AutoROPS), January 15, 2003.

2002 Alice Hamilton Award - Honorable Mention, Engineering & Physical Sciences Category for paper: Powers JR, Harris JR, Etherton JR, Snyder KA, Ronaghi M, Newbraugh BH. Performance of an automatically deployable ROPS on ASAE tests. *Journal of Agricultural Safety and Health* 2001;7(1):51-61.

CDC Invention Award (April 2001) for Snyder KA, Etherton JR, Harris JR, Powers JR, Ronaghi M, Cutlip RG, Means KH, McKenzie EA, Current RS, inventors; U.S. Government, assignee. Automatically Deploying Roll Over Protective System (AutoROPS). US Patent Cooperation Treaty (PCT) PCT/US01/20282, 2001 June 24.

Recent Publications

Harris JR, Struttman T, Merinar TR. Investigation and implications of a compactor fatality. Proceedings of the 2005 International Mechanical Engineering Congress and Exposition; 2005 November 5-11; Orlando, FL paper # IMECE2005-80005.

McKenzie, Jr. EA, Etherton JR, Harris JR, Cantis DM, Lutz TJ. NIOSH AutoROPS research to practice: Zero turn commercial mowers. Proceedings of the 2005 International Mechanical Engineering Congress and Exposition; 2005 November 5-11; Orlando, FL paper # IMECE2005-81575.

Harris JR, Cantis DM, McKenzie EA, Jr., Etherton JR, Ronaghi M. Commercialization of Cost-Effective rollover protective structures (CROPS). Proceedings of the National Institute for Farm Safety (NIFS) Annual Conference; 2005 June 26-30; Wintergreen, Virginia.

McKenzie, Jr. EA, Etherton JR, Harris JR, Cantis DM, Lutz TJ. NIOSH AutoROPS 3rd generation static testing and human interaction element. Proceedings of the 2003 International Mechanical Engineering Congress and Exposition; 2003 November 15-21; Washington, D.C. paper # IMECE2003-41330.

Harris JR, Whisler R, Ammons DE, Spahr JS, Jackson LL. Assessing PPE protection – Development of a safety eyewear coverage coefficient. Proceedings of the NORA Symposium 2003; 2003 June 23-25; Washington, D.C. p. 105 (abstract).

Harris JR, McKenzie, Jr. EA, Etherton JR, Cantis DM. Designing cost-effective rollover protective structures (CROPS) at NIOSH. Proceedings of the National Institute for Farm Safety (NIFS) Annual Conference; 2002 June 23-27; Ponte Vedra, Florida.

Etherton JR, Cutlip RG, Harris JR, Ronaghi M, Means KH, Howard S. Dynamic performance of the mechanism of an automatically deployable ROPS. *Journal of Agricultural Safety and Health* 2002;8(1):113-118.

Etherton JR, Cutlip RG, Harris JR, Ronaghi M, Means KH, Gillispie A. Static load test performance of a telescoping structure for an automatically deployable ROPS. *Journal of Agricultural Safety and Health* 2002;8(1):119-126.

Powers JR, Harris JR, Etherton JR, Ronaghi M, Snyder KA, Lutz TJ, Newbraugh BH. Preventing tractor rollover fatalities: performance of the NIOSH AutoROPS. *Injury Prevention* 2001; 7(Suppl):i54-58.

Powers JR, Harris JR, Etherton JR, Snyder KA, Ronaghi M, Newbraugh BH. Performance of an automatically deployable ROPS on ASAE tests. *Journal of Agricultural Safety and Health* 2001;7(1):51-61.

McKenzie E, Powers J, Harris J, Ronaghi M, Etherton J, Current R, Cantis D, Newbraugh B, Lutz T. Continuing developments at NIOSH on ROPS for agricultural tractors. *Proceedings of the National Institute for Farm Safety Annual Conference; 2001 June 24-27; Pittsburgh, Pennsylvania.*

Snyder KA, Etherton JR, Harris JR, Powers JR, Ronaghi M, Cutlip RG, Means KH, McKenzie EA, Current RS, inventors; U.S. Government, assignee. *Automatically Deploying Roll Over Protective System (AutoROPS)*. US Patent Cooperation Treaty (PCT) PCT/US01/20282, 2001 June 24.

Name: Daniel Hartley

Title: Epidemiologist

Discipline: Epidemiology

Division/Office: Division of Safety Research/Analysis and Field Evaluations Branch

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Telephone: 304-285-5812

NIOSH Employment: May 1998

Education

Edd Technology Education West Virginia University May 2000
MS Safety Management West Virginia University August 1994
MS Ind. & Labor Relations West Virginia University August 1993
BS Accounting & Bus. Admin. Fairmont State College May 1988

Research Interests Workplace Violence Prevention

Recent Publications

Hartley, D., Biddle, EA, & Jenkins, E.L. Societal Cost of Workplace Homicides in the United States, 1992-2001. AJIM Vol. 47 pp. 518-527. June 2005

Biddle, EA & Hartley, D. Economic Costs: Another Alternative for Measuring Workplace Fatalities. IAIABC Journal Vol 42(1) pp. 173-192. May 2005.

Biddle, E., Hartley, D., Starkey, S., Fabrega, V., and Richardson, S. Deriving Occupational Fatal Injury Costs: A State Pilot Study. CWC On-line. February 2005

Hartley, D., Biddle, E., Grosch, J. and Marsh, S. The Burden of Occupational Fata Injury for Older Workers in the United States, NSC Injury Insights pp. 1, 2, 11. June/July 2002.

Biddle, E.A. and Hartley, D. Fire- and Flame- Related Events with Multiple Occupational Fatalities in the United States, 1980-1995. Injury Control and Safety Promotion Journal, Netherlands. Vol 9(1) pp. 9-18. March 2002.

Hartley, D. and Biddle, E.A. Will Risks to Older Workers Change in the 21st Century? International Journal of Health and Ecological Risk Assessment. Vol. 7(7) pp. 1885-1894. Dec. 2001.

Biddle, E.A. and Hartley, D. Fire- and flame-related occupational fatalities in the United States, 1980-1994. *Journal of Occupational and Environmental Medicine* 42(4):430-437. April 2000.

Name: Mathew G. Hause

Title: Research Safety Engineer / LCDR USPHS

Discipline: Industrial Engineering

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Rd., Morgantown, WV 26505

Telephone: 304-285-5982

NIOSH Employment: May 1995

Education:

B.S. Industrial Engineering, West Virginia University, 1992.

Professional Certifications

Research Interests : Industrial Engineering, Geospacial Information Systems, Fall Prevention

Memberships :

Member, Institute of Industrial Engineers (IIE)
Society of American Military Engineers
Commissioned Officers Association
Military Officers Association of America
Reserve Officers Association

National Committee Assignments:

Technical committee 94, Subcommittee 4, Personal Equipment for Protection Against Falls (ISO TC94/SC4)

ANSI A14.2, Extension Ladders Committee

Honors:

FDA letter of Recognition, BA Schwetz, Associate Commissioner for Science
OSHA Letter of Recognition, Jim Lapping, Assistant Director of Construction
USPHS Commissioned Officer Honor & Service Awards

Recent Publications:

Hause M., Defining Hazard Areas Around Construction Equipment, National Occupational Injury Research Symposium, 2003.

Braddee, R., Pratt, S., and Hause, M., “Worker Deaths by Falls: A Summary of Surveillance Findings and Investigative Case Reports,” DHHS (NIOSH) Publication No. 2000-116, November 2000.

Braddee, R., Pratt, S., and Hause, M., “Preventing Falls from Elevations”, Welding Journal, 1997.

Numerous Fatality Assessment and Control Evaluation (FACE) Reports

Name: Kitty J. Hendricks

Title: Research Epidemiologist

Discipline: Epidemiology

Division/Office: Division of Safety Research/Surveillance and Field Investigations Branch

Location: NIOSH/Morgantown, West Virginia

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Telephone: 304-285-6252

NIOSH Employment: May 1990 – January 1994; September 1997- present

Education:

M.A., Sociology/Applied Social Research, West Virginia University, 1995

B.A., Psychology, West Virginia University, 1993

Research Interests:

Youth agricultural injuries

Youth occupational injuries

Recent Publications:

Goldcamp M, Myers J, Hendricks KJ, Layne L (2006) Non-fatal All-Terrain Vehicle Injuries to Youth Living on Farms in the U.S., 2001 *The J Rural Health* 22 (4): 309-313.

Hendricks KJ, Layne LA, Goldcamp EM, Myers JR (2005). Injuries to Youth Living on US Farms in 2001 with Comparison to 1998. *Journal of Agromedicine* 10(4): 19-26.

Hendricks KJ, Myers JR, Layne LA, Goldcamp EM (2005). Household youth on minority operated farms in the United States, 2000: Exposures to and injuries from work, horses, ATVs, and tractors. *J of Safety Research* 36: 149-157.

NIOSH (2005). Injury and Asthma among Youth Less than 20 Years of Age on Minority Farm Operations in the United States, 2000. Volume I: racial minority national data. By Myers JR, Hendricks KJ, Goldcamp EM, Layne L. Morgantown, WV: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2006-109.

NIOSH (2005). Injury and Asthma among Youth Less than 20 Years of Age on Minority Farm Operations in the United States, 2000: Volume II: Hispanic national data. By Myers JR, Hendricks KJ, Goldcamp EM, Layne L. Morgantown, WV: Department of Health and Human

Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2005-147.

Goldcamp EM, Hendricks KJ, Layne LA, Myers JR (2005). Nonfatal Injuries to Household Youth on Native American Operated Farms in the U.S., 2000. Submitted to the *Journal of Agromedicine*.

Goldcamp EM, Hendricks KJ, Myers JR (2004). Farm fatalities to youth 1995-2000: A comparison by age group. *Journal of Safety Research* 35(2): 151-157.
CDC (2004). Occupational fatalities during trenching and excavation work - United States, 1992-2001. *MMWR* 53(15): 311-314.

Hendricks KJ, Goldcamp EM, Myers JR (2004). On-farm Falls among Youth Less than 20 Years Old. *Journal of Agricultural Safety and Health* 10(1): 27-38.

McHugh M, Hendricks KJ, Goldcamp EM, Myers JR (2004). Injuries to Youth on Minority Farm Operations. Morgantown, WV: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2004-117.

McHugh M, Hendricks KJ, Goldcamp EM, Myers JR (2004). Asthma among Household Youth on Minority Farm Operations. Morgantown, WV: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2004-118.

NIOSH (2002). *National Institute for Occupational Safety and Health (NIOSH) Recommendations to the U.S. Department of Labor for Changes to Hazardous Orders*. Morgantown, WV: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health

Hendricks KJ, Adekoya N (2001). Non-Fatal Animal-Related Injuries to Youth Occurring on Farms in the United States - 1998. *Injury Prevention* 7(4):307-311.

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Recent Publications:

Pan CS, Chiou SS, and Hendricks SA (2003). The Effect of Drywall Lifting Method on Workers= Balance in a Laboratory-Based Simulation, *Occupational Ergonomics*, in press.

Faulkner KA, Landsittel DP, and Hendricks SA (2001). Robbery Characteristics and Employee Injuries in Convenience Stores, *American Journal of Industrial Medicine*, 40, 703-709.

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Recent Publications:

CDC [1999]. Deaths among children aged < 5 years from farm machinery runovers--Iowa, Kentucky, and Wisconsin, 1995-1998, and United States, 1990-1995. By Higgins DN, Hendricks K. MMWR 48(28):605-608.

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NIOSH [2002]. Hispanic Dump-Truck Driver Dies After Being Caught Between Frame and Dump Body of an Off-Road Truck While Performing Routine Lubrication-Tennessee. By Higgins DN, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. 2002-08.

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NIOSH [2004]. Hispanic Sawmill Worker Dies Inside Storage Silo After Being Engulfed in Sawdust-North Carolina. By deGuzman G, Higgins DN, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation Report No: 2004-09.

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NIOSH [2005]. Hispanic Worker Dies After Falling From a Pile of Construction Debris in the Bed of a Trash-Style Body Truck to a Paved Driveway Below-North Carolina. By Higgins DN, Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. 2005-06

NIOSH [2005]. Construction Worker dies After Being Run Over By a Bulldozer at a Commercial Construction Site-North Carolina. By Higgins DN, Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report No. 2005-11

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Ergonomics Society (UK) – Fellow
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International Society for Fall Protection (2001 -2004; Full Member)
Society of Automotive Engineers (2002 - 2004; Full Member)

National Committee Assignments:

SAE G-13 Committee for American Standards for Human Modeling (1997- 2006)

U.S. Technical Advisory Group for Fall Protection, Delegation to ISO TC-94 (1999-2006)

Human Factors Society HF-3000 Committee for the American Standards for Anthropometry and Biomechanics (1997)

Ergonomic Invention Competition Committee, the Laborers Health and Safety Fund of North America (1995-1997)

National Civilian American and European Surface Anthropometry Resource (CAESAR) Study Partners Committee (1996-2002)

Research Committee of the American Society of Safety Engineers Foundation (2004-2006)

NORA Program Committee for Musculoskeletal Disorders (1997-2001)

Technical Advisor for the National Research Council Fellowships on Safety Engineering (1996 - 2005).

Editorial board member for Safety Science, Applied Ergonomics, and International Journal of Industrial Ergonomics journals (1999-2006);

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General Chair for the New Thoughts on 21st Century Labor Policy Program, including occupational safety and health, labor policy, production planning, and employee-employer relations sessions, Chinese-American Academic and Professional Convention, July 1-4, 1999, Washington, D.C.

Coordinator and Session Chair, SAE Digital and Human Modeling for Design and Engineering Conference and Exposition, 2000-present

Honors:

Alice Hamilton Award for Excellence in Occupational Safety and Health (2006)

Bullard-Sherwood r2p Award for Transfer of Knowledge (2006)

Professional Service Award, the Ergonomics Society (2005)

CDC Shepard Award NIOSH Nominee (2004)

National Occupational Research Agenda (NORA) Partnering Award for Worker Safety and Health (2003).

International Ergonomics Association (IEA) Liberty Mutual Prize in Occupational Safety and Ergonomics (2002)

Centers for Disease Control and Prevention (CDC) Invention Award (1999)

Keynote Speaker on falls prevention for the Slip, Trip, and Fall Symposium at the Ergonomics Society annual conference (UK; 2005).

Keynote speaker, International Conference on Advanced Industrial Design, December 9-11, 2001, Tainan, Taiwan.

Recent Publications:

Hsiao H., Whitestone J., and Kau T., Evaluation of Fall-Arrest Harness Sizing Scheme, Human Factors, 48, 2006. [in press]

Zeng S., Hsiao H., and Powers J., Silent Wireless Emergency Dialer, filed for US provision patent, CDC Invention Report 2006 [Significance of the proposed patent: This invention is a special wireless controlled personal protective device for the taxi services industry, which has the highest homicide rate among all sub-sectors. It enables drivers to silently inform a rescue unit of their emergency status when they face the danger of assault, robbery or murder.

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Hsiao H. and Simeonov, P., Preventing Falls from Roofs: A Critical Review, Ergonomics, 44 (5), pp 537-561, 2001.

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Hsiao H. and Halperin W., Occupational Safety and Human Factors, Chapter 64 in W. N. Rom (eds.), Environmental and Occupational Medicine, (Third Edition), pp 919-932 1998.

Hsiao H., Stanevich R., Pizatella T., Snyder K., and Halperin W., New NIOSH Programs for Preventing Occupational Traumatic Injury, International Journal of Industrial Ergonomics, 20, pp 501-508, 1997.

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Hsiao H. and Stanevich R., Injuries and Ergonomic Applications in Construction, Chapter 27 in Bhattacharya and McGlothlin (ed.), Occupational Ergonomics, pp 545-568, 1996.

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Research Interests:

Occupational health and safety

Injury Surveillance

Epidemiology

Recent Publications:

NIOSH [2006]. Proceedings, Second International Fishing Safety and Health Conference, 2006 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. 2006-114.

Husberg BJ, Fosbroke DE, Conway GA, Mode NA [2005]. Hospitalized Nonfatal Injuries in the Alaskan Construction Industry. *Am J Ind Med* (47):428-433.

NIOSH [2003]. Proceedings of the International Fishing Industry Safety and Health Conference, 2002 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. 2003-102.

Conway GA, Lincoln JM, Hudson DS, Bensyl DM, Husberg BJ, Manwaring JC [2002]. Surveillance and Prevention of Occupational Injuries in Alaska: A Decade of Progress 1990-1999, Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2002-115.

Husberg BJ [2002]. Surveillance for Nonfatal Work-Related Injuries in the Alaska Fishing Industry. In: Proceedings of the International Fishing Industry Safety and Health Conference, 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. 2003-102.

Lincoln JM, Husberg BJ, Conway GA [2002]. Improving Safety in the Alaskan Commercial Fishing Industry. In: Proceedings of the International Fishing Industry Safety and Health Conference, 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. 2003-102.

Husberg BJ, Lincoln JM, Conway GA [2001]. On-Deck Dangers in the Alaskan Commercial Fishing Industry, Marine Safety Council, U.S. Coast Guard Journal of Safety at Sea Proceedings 58(2): pp. 23-24.

Lincoln JM, Husberg BJ, Conway GA [2001]. Improving Safety in the Alaskan Commercial Fishing Industry. International Journal of Circumpolar Health. Volume 60, pages 705-713.

Conway GA, Lincoln JM, Husberg BJ, Manwaring JM, Bensyl DM, Choromanski DM [2001]. Alaska's Model Program for Occupational Injury Prevention: Applying Surveillance for Effective Public Health Practice. International Journal of Circumpolar Health. Volume 60, pages 714-726.

Thomas TK, Lincoln JM, Husberg BJ, Conway GA [2001]. Is it Safe on Deck? Fatal and Non-Fatal Workplace Injuries Among Alaskan Commercial Fishermen. Am J of Ind Med. 40:693-702.

Conway GA, Lincoln JM, Husberg BJ, Bensyl DM, Manwaring JM [2001]. Occupational Injury Research and Prevention in Alaska. Arctic Research. 15:14-26.

Conway GA, Lincoln JM, Husberg BJ, Manwaring JC, Klatt ML, Thomas TK [1999]. Alaska's Model Program for Surveillance and Prevention of Occupational Injury Deaths. Public Health Reports. 114:67-73.

Conway GA, Husberg BJ [1999]. Cold Related Non-Fatal Injuries in Alaska. American Journal of Industrial Medicine, S1, pages 39-41.

Choromanski D, Husberg BJ [1999]. Occupational Falls Raise Safety Concerns. State of Alaska Epidemiology Bulletin. 3(1).

Husberg BJ, Conway GA, Moore MA, Johnson MS [1998]. Surveillance for nonfatal work-related injuries in Alaska, 1991-95. Am J Ind Med 34(5):493-498.

Name: Larry L. Jackson, Ph.D.

Title: Supervisory Epidemiologist/Chief, Injury Surveillance Team

Discipline: Occupational Injury Epidemiology

Division/Office: Division of Safety Research/Surveillance and Field Investigations Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Rd, MS 1808, Morgantown, WV 26505

Telephone: 304-285-5980

NIOSH Employment: September 30, 1996

Education:

B.S., Chemistry, Kansas State University, 1973

Ph.D., Analytical Chemistry, Colorado State University, 1978

Research Interests:

Occupational fatal and nonfatal injury epidemiology

Emergency department surveillance for nonfatal injuries

Eye safety

Development of web applications for dissemination of surveillance data

National Committee Assignments:

ANSI Z87 Eye and Face Protection Committee

National Eye Institute Healthy Vision 2010 Workgroup

Recent Publications:

Marsh SM, Derk SJ, Jackson LL, 2006. Nonfatal occupational injuries and illnesses among workers treated in hospital emergency departments—United States, 2003; MMWR: 55(16), 449-452.

National Eye Institute, 2006. Healthy Vision Month 2006: Reduce Occupational Eye Injury; Eye Safety at Work is Everyone's Business; <http://www.healthyvision2010.org/hvm/> (Jackson LL, contributor).

Schulte PA, Ahlers HW, Jackson LL, Malit BD, Votaw DM, 2005. Contact Lens Use in a Chemical Environment: Current Intelligence Bulletin 59; DHHS (NIOSH) Publication Number 2005-139; 16 p.

Riggs MA, Jackson LL, 2005. Occupational Health and Safety Survey Tool - Evacuation Centers (Employee Injury or Illness Form); NIOSH Online Interim Assessment Tool
<http://www.cdc.gov/niosh/topics/flood/pdfs/KatrinaShelterWorkerSurveillance.pdf>.

Zeng S, Powers JR, Jackson LL, Conover DL, 2005. Electrical Injury Protection System Using Radio Frequency Transmission: U.S. Patent No. US 6,897,783; Date of Issue: May 24, 2005.

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NIOSH, 2004. Worker Health Chartbook: DHHS (NIOSH) Publication No. 2004-146, 354 pages (Jackson LL, contributor).

Jackson LL, 2004. Eye protection for infection control; NIOSH internet page
<http://www.cdc.gov/niosh/topics/eye/eye-infectious.html>.

Jackson LL, Storms C, 2004. Eye Safety Topic Page; NIOSH internet subsite
<http://www.cdc.gov/niosh/topics/eye/>.

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OSHA-NIOSH Issues Exchange Group (Jackson LL contributor), 2004. Avian Influenza—Protecting Poultry Workers at Risk; Safety and Health Information Bulletin (SHIB 12-13-2004), 8 pages: OSHA internet page <http://www.osha.gov/dts/shib/shib121304.html> and <http://www.osha.gov/dts/shib/shib121304.pdf>.

Jackson LL, Line JR, 2002. Work-Related Injury Statistics Query System (Work-RISQS):
<http://www2a.cdc.gov/risqs>.

Jackson LL, 2001. Nonfatal occupational injuries and illnesses treated in hospital emergency departments--United States, 1998, MMWR 50(16):313.

Jackson LL, 2001. Nonfatal occupational injuries and illnesses treated in hospital emergency departments in the United States, Injury Prevention 7(Suppl I):i21-i26.

Jackson, LL, 2001. Emergency Response and Disaster Recovery Eye Safety (NIOSH trifold pamphlet for WTC workers and web page: <http://www.cdc.gov/niosh/eyesafe.html>)

Name: Paul R. Keane

Title: Technical Writer-Editor

Discipline: Technical Communications

Division/Office: Division of Safety Research/Analysis and Field Evaluations Branch

Location: NIOSH/Morgantown, WV

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Telephone: 304-285-5901

NIOSH Employment: 12/90

Education:

MBA, University of Pittsburgh, 1983

Professional Certifications:

Research Interests : Economics of Occupational Injury

Memberships:

National Committee Assignments: CDC NIOSH Economics Forum

Honors:

Recent Publications:

Name: Philip Kemp

Title: Guest Researcher

Discipline: Safety

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

Location: NIOSH/Morgantown, West Virginia

Address: 1095 Willowdale Road Morgantown, West Virginia, 26505

Telephone: 304-285-6216

NIOSH Employment: August 7, 2006

Education:

BS, Environmental Health Sciences, University of Massachusetts/Amherst, 1992
MS, Environmental Toxicology, University of Massachusetts/Amherst, 1995

Professional Certifications:

Research Interests: Toxicology of metals

Memberships:

National Committee Assignments:

Honors:

60th Aeromedical Squadron, Company Grade Officer of the Year, 1999
Outstanding Military Volunteer, 2000
311th Human Systems Wing, Honor Guard Member of the Year, 2002

Recent Publications:

Name: Robert E. Koedam

Title: Safety and Occupational Health Manager/ Chief, Fatality Investigations Team

Discipline(s): Safety and health

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Rd, MS 1808, Morgantown, WV 26505

Telephone: 304-285-6281

NIOSH Employment: August 26, 2001

Education:

Master of Science (Occupational Health/Safety), Medical College of Ohio at Toledo, Ohio,
Degree Awarded: 2001

Bachelors Chemistry/Natural Science, Lourdes College, Sylvania Ohio, Degree Awarded: 1994

Research Interests:

Preventing occupational injuries and illnesses

Reducing the economic impact of occupational injuries and illnesses

Development of dissemination methods of safety and occupational health prevention
information/recommendations to the fire service, general industry / construction sectors and sub-
sectors, and the public at large.

National Committee Assignments:

ANSI Z117 Confined Space Committee

International Association of Fire Chiefs (IAFC) Safety and Survival Section

Recent Publications:

NIOSH [2006]. Volunteer Fire Fighter / Rescue Diver Dies in Training Incident at a Quarry - PA. 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. F2005–29.

NIOSH [2006]. Four Construction Workers Die after Cantilever Launching Gantry Collapses at Bridge Construction Site- Ohio. 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. F2004–05.

NIOSH [2006]. Career Fire Fighter/EMT Dies in Ambulance Crash – Florida. 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. F2005–12.

NIOSH [2005]. One Probationary Career Firefighter Dies and Four Career Firefighters are Injured at a Two - Alarm Residential Structure Fire. Texas. 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. F2000–38.

NIOSH [2005]. Hispanic Laborer Electrocuted After Boom Truck Contacts Overhead Power Line - North Carolina. 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. FACE 2005-02.

NIOSH [2004]. One Volunteer Lieutenant Dies and a Volunteer Fire Fighter is Seriously Injured in a Motor Vehicle Rollover Incident While En-route to a Trailer Fire - North Carolina. 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. F2003-30.

NIOSH [2004]. 18-year-old Dies After Being Entangled in a Portable Mortar Mixer - South Carolina. 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. FACE 2003-13.

NIOSH [2004]. Hispanic Pipe Layer Dies After Being Struck by Excavator (Track Hoe) Bucket on Construction Site- South Carolina. 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. FACE 2003-12.

NIOSH [2002]. Two Career Fire Fighters Die in Four-Alarm Fire at Two-Story Brick Structure – Missouri. 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. F2002–20.

NIOSH [2002] Youth Farm Worker Dies After Falling Into Operating Feed Grinder/Mixer-Ohio. 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. FACE 2002–10.

NIOSH [2002] Volunteer Fire Fighter Dies and Two Others Are Injured During Live-Burn Training - New York. 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.F2001-38.

NIOSH [2002] Volunteer Fire Fighter Dies After Being Run Over by Brush Truck During Grass Fire Attack – Texas. 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.F2002-36.

NIOSH [2002] High-Rise Apartment Fire Claims the Life of One Career Fire Fighter (Captain) and Injures Another Career Fire Fighter (Captain) - Texas 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 F2001–33.

NIOSH [2001] Career Fire Fighter Dies From Injuries When Stationary Fill Tank Becomes Over-Pressurized and Suffers Catastrophic Failure – California. 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 F2001–26.

Name: Larry A. Layne

Title: Statistician (Health)

Discipline: Injury Surveillance

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

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Address: 1095 Willowdale Road (M/S H-1808) Morgantown, West Virginia 26505

Telephone: 304-285-6008

NIOSH Employment: August 1991

Education:

MA, Applied Social Research, WVU, 1990

Research Interests: Youth injury, agriculture, mining

Recent Publications:

Layne LA [2006]. Youth Living on Hispanic Operated Farms in the United States: An Examination of Population Growth and Changes in Risk Exposure and Injury Patterns between 2000 and 2003.. In: Proceedings of The National Institute for Farm Safety 2006 Annual Meeting, June 25-30, 2006, Sheboygan, WI.

Layne LA, Myers JR, Hendricks KJ, Goldcamp EM [2003]. Demographics and non-fatal injury patterns of youth less than 20 years of age on Hispanic-operated farms in the United States, 2000. In: Proceedings of The National Institute for Farm Safety 2003 Annual Meeting, June 22-26, 2003, Columbia, MO.

Layne LA [2004]. Occupational Injury Mortality Surveillance in the United States: An Examination of Census Counts From Two Different Surveillance Systems, 1992-1997, *Am J Ind Med* 45(1):1-13.

Layne LA, Pollack KM [2004]. Nonfatal Occupational Injuries From Slips, Trips, and Falls Among Older Workers Treated in Hospital Emergency Departments United States 1998, *Am J Ind Med* 46:32-41.

Layne LA, Landen DD [1997]. A descriptive analysis of nonfatal occupational injuries to older workers, using a national probability sample of hospital emergency departments. *Journal of Occupational and Environmental Medicine* 39(9):855-865.

Layne LA, Castillo DN, Stout N, Cutlip P [1994]. Adolescent occupational injuries requiring hospital emergency department treatment: a nationally representative sample. *Am J Public Health* 84(4): 657-660.

Hendricks K, Myers J, Layne L, Goldcamp M [2005]. Household youth on minority operated farms in the United States 2000: Exposures to and injuries from work, horses, ATVs and tractors, *J Safety Res* 36:149-157.

NIOSH [2005]. Injury and Asthma Among Youth Less Than 20 Years of Age on Minority Farm Operations in the United States, 2000. Volume 1: racial minority national data. By Myers JR, Hendricks KJ, Goldcamp EM, Layne L, Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication Number 2005-147.

Goldcamp EM, Myers JR, Hendricks KJ, Layne LA [2004]. Nonfatal all-terrain vehicle injuries to youth on farms in the U.S., 2001 [Abstract] In: the National Institute for Farm Safety 2004 Annual Meeting, Keystone, CO, 2004 June.

Goldcamp EM, Myers JR, Hendricks KJ, Layne LA [2003]. Non-fatal Injuries: an Overview of Injuries to Youth on Racial Minority Operated Farms in the United States, 2000 [Abstract] In: Proceedings of The National Institute for Farm Safety 2003 Annual Meeting, June 22-26, 2003, Columbia, MO.

Hendricks KJ, Myers JR, Goldcamp EM, Layne LA [2003]. Farm hazards to household youth on minority operated farms in the United States, 2000: exposures and injuries from work, horses, ATV's and tractors [Abstract] In: Proceedings of The National Institute for Farm Safety 2003 Annual Meeting, June 22-26, 2003, Columbia, MO.

Hendricks K, Layne L [1999]. Adolescent Occupational Injuries in the Fast Food Industry. *Journal of Occupational and Environmental Medicine* 41(12):1146-1153.

Marsh SM, Layne LA [2001]. Fatal injuries to civilian workers in the United States, 1980-1995 (National and State Profiles), Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2001-129S.

Marsh, SM Layne LA [2001]. Fatal injuries to civilian workers in the United States, 1980-1995 (National Profile), Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2001-129.

Henneberger PK, Metayer C, Layne LA, Althouse R [2000]. Nonfatal work-related inhalations: Surveillance data from hospital emergency departments, 1995-1996, *Am J Ind Med* 38(2):140-148.

Chen GX, Layne LA [1999]. Where African-American women work and the nonfatal work-related injuries they experienced in the U.S. in 1996, compared to women of other races. *Am J Ind Med Supplement* 1:34-36.

Sorock GS, Smith GS, Reeve GR, Dement J, Stout N, Layne L, Pastula ST [1997]. Three perspectives on work-related injury surveillance systems. *Am J Ind Med* 32(2):116-128.

Knight EB, Castillo DN, Layne LA [1995]. A detailed analysis of work-related injury among youth treated in emergency departments. *Am J Ind Med* 27: 793-805.

Castillo DN, Landen DD, Layne LA [1994]. Occupational injury deaths of 16- and 17-year-olds in the United States. *Am J Public Health* 84(4): 646-649.

Name: Jennifer M. Lincoln, PhD

Title: Occupational Safety and Health Specialist

Discipline: Injury Epidemiology

Division/Office: Division of Safety Research/Alaska Field Station

Location: NIOSH/Anchorage, Alaska

Address: 4230 University Dr. #310, Anchorage AK, 99508

Telephone: 907-271-2383

NIOSH Employment: January 1992

Education:

INSTITUTION AND LOCATION	DEGREE (If applicable)	YEAR(s)	FIELD OF STUDY
Indiana State University, Terre Haute, Indiana	BS	1991	Environmental Science
University of Alaska Anchorage, Anchorage, Alaska	MS	1997	Environmental Quality Science
Johns Hopkins University, Baltimore Maryland	PhD	2006	Health Policy Management

Professional Certifications: Certified Safety Professional (CSP) 1997

Research Interests: My research interests include the application of injury epidemiology to prevent injuries, in particular work-related injuries. As a strong advocate of providing science to support change, my work is grounded in how to translate research findings into practice. I strive to provide scientific information to develop palatable interventions in the form of engineering solutions, new operating procedures or new policies in concert with industry, other safety advocates and regulators.

Memberships:

Commissioned Officer Association, Aurora Borealis Chapter, **Secretary**, 2001, member since 1999

Alaska Marine Safety Education Association, **Executive Board member**, 1994-present
American Society for Safety Engineers ASSE; Alaska Chapter **President**, (presented with chapter achievement award), 1997-1998;

Planning Committee for the Governor's Safety and Health Conference, 1994-98

Federal-State Interagency Collaborative Working Group on the Prevention of Occupational Traumatic Injuries, 1992-98; **Chairman** of the Commercial Fishing Subcommittee, 1997-present.

Honors:

Special Recognition Award—2003 Governor's Safety and Health Conference
USPHS Unit Citation, 2001. Presented to the Alaska Field Station for outstanding work in occupational injury prevention for workers in Alaska.

Recent Publications:

Husberg BJ, Lincoln JM, Conway GA. On-Deck Dangers in the Alaskan Commercial Fishing Industry. Proceedings - U.S. Coast Guard Journal of Safety at Sea, 58 (2), pages 23-24. April 2001.

Backus AS, Brochu PJ, Lincoln JM, Bensyl DM, Ciampa JR, Smith TJ, Understanding and Preventing Lobsterman Entanglement: A Preliminary Study” Marine Safety Council, Proceedings April-June 2001, Vol. 58, Number 2, pg. 50-53.

Lincoln JM, Husberg BJ, Conway GA. Improving Safety in the Alaskan Commercial Fishing Industry. International Journal of Circumpolar Health. Volume 60, pages 705-713. December 2001.

Thomas TK, Lincoln JM, Husberg BJ, Conway GA. Is it Safe on Deck? Fatal and Non-Fatal Workplace Injuries Among Alaskan Commercial Fishermen. American Journal of Industrial Medicine. Volume 40, pages 693-702. December 2001.

Conway, G., Lincoln, J., Hudson, D., Bensyl, D., Husberg, B., & Manwaring, J. Surveillance and prevention of occupational injuries in Alaska: A decade of progress, 1990-1999. (DHHS (NIOSH) Publication No. 2002-115). Cincinnati, OH: National Institute for Occupational Safety and Health. 2002.

NIOSH. Danger of Entanglement During Lobstering, Workplace Solutions from the National Institute for Occupational Safety and Health. (DHHS (NIOSH) Publication No. 2005-137). Cincinnati, OH: National Institute for Occupational Safety and Health. August 2005.

Name: Kelly A. Loring

Title: EIS Officer

Discipline: Epidemiology

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

Location: NIOSH/Morgantown, WV

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Telephone: 304-285-6109

NIOSH Employment: July 31, 2006

Education:

A.B., Biochemistry, Smith College, 1993
Doctor of Naturopathic Medicine, National College of Naturopathic Medicine, 2000
M.P.H, Johns Hopkins Bloomberg School of Public Health, 2005

Professional Certifications:

Oregon ND License (#1071)
Vermont ND License (#099-0000150)

Research interests: Occupational injuries

Memberships:

American Public Health Association
American Association of Naturopathic Physicians

National Committee Assignments: None

Honors:

1998- Navy and Marine Corps Achievement Medal
1997- Reserve Center Sailor of the Year (Wilmington, DE)

Recent Publications: None

Name: Virginia Lutz

Title: Safety and Occupational Health Specialist

Discipline: Safety

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-6342

NIOSH Employment: 06/2002

Education:

RN, Nursing, West Penn Hospital School of Nursing, 1966 – 1967.

Professional Certifications:

Certified Safety Executive – World Safety Organization, 2000

Emergency Medical Technician - Commonwealth of Pennsylvania, 1975, 1981, 1989

Research Interests:

To investigate fire fighter line-of-duty deaths and to formulate recommendations to assist the fire services in preventing future injuries and fatalities.

Memberships: None

Honors: NA

Recent Publications:

NIOSH [2006]. Career Fire Fighter Fatally Injured In Fall From Apparatus - Texas. By Lutz V. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2005-15.

NIOSH [2006]. Career Captain Electrocuted at the Scene of a Residential Structure Fire - California. By Lutz V., Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for

Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2005-07.

NIOSH [2006]. Career Fire Fighter Dies While Exiting Residential Basement Fire - New York. By McFall M., Lutz V., and Berardinelli S. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2005-04.

NIOSH [2005]. One Part-time Fire Fighter Dies and Another Is Seriously Injured When Two Fire Engines Collide at an Intersection While Responding to a Fire - Illinois. By Lutz V., and Frederick L. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2004-43.

NIOSH [2005]. Volunteer Chief Dies and Two Fire fighters Are Injured by a Collapsing Church Façade - Tennessee. By Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2004-37.

NIOSH [2005]. Career Fire Dies From Injuries Sustained In Fall From Apparatus - Massachusetts. By Lutz V. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2004-19.

NIOSH [2005]. Forest Ranger/Fire Fighter Drowned After Catastrophic Blow-out of Right Front Tire - Florida. By Frederick L., Lutz V. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2004-15.

NIOSH [2005]. Career Lieutenant Killed and Fire Fighter Injured By Gunfire While Responding To Medical Assistance Call - Kentucky. By Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report Number F2004-11.

NIOSH [2005]. Residential Basement Fire Claims the Life of Career Lieutenant - Pennsylvania. By Tarley J., Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2004-05.

NIOSH [2004]. Career Captain/Safety Officer Dies in a Single Motor Vehicle Crash While Responding to a Call - Kansas. By Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National

Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report Number F2004-03.

NIOSH [2004]. Basement Fire Claims the Life of Volunteer Fire Fighter - Massachusetts. By Tarley J., McFall M., Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2004-02.

NIOSH [2004]. Volunteer Training/Safety Officer Dies from Injuries Received in Fall from Pick-Up Truck Following Training Exercise - Tennessee. By Lutz V., Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report Number F2003-17.

NIOSH [2004]. Volunteer Fire Police Captain Dies From Injury-Related Complications After Being Struck By Motor Vehicle While Directing Traffic - New Jersey. By McFall M., Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Report No. F2003-16.

NIOSH [2004]. Career Fire Fighter/Emergency Medical Technician Dies from Injuries Sustained in Fall from Apparatus - California. By Lutz V., Berardinelli S. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report Number F2003-07.

NIOSH [2003]. Volunteer Assistant Chief Dies in Tanker Rollover - New Mexico. By Berardinelli, S., Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report Number F2003-23.

NIOSH [2003]. Career Fire Fighter/Emergency Medical Technician Dies In Ambulance Crash - Texas. By Lutz V., Romano N. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-05.

NIOSH [2003]. Volunteer Lieutenant Dies Following Structure Collapse at Residential House Fire - Pennsylvania. By Tarley J., Lutz V. Berardinelli S. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-49.

NIOSH [2003]. Emergency Medical Technician Killed in Single-Vehicle Crash While Responding To Structure Fire - North Carolina. By Lutz V., Romano N. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control

and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-42.

NIOSH [2003]. Career Fire Fighter Dies in Tanker Rollover - North Carolina. By Romano N., Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-41.

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NIOSH [2003]. Structural Collapse at Residential Fire Claims Lives of Two Volunteer Fire Chiefs and One Career Fire Fighter - New Jersey. By McFall M., Lutz V., Braddee R. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-32.

NIOSH [2003]. Volunteer Fire Fighter Dies Due to Inadvertent Fireworks Discharge - North Dakota. By Frederick L., Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-31.

Name: Mark McFall

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Discipline: Safety

Division/Office: Division of Safety Research/Surveillance and Field Investigations Branch

Location: NIOSH/Morgantown, WV

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Telephone: 304-285-5941

NIOSH Employment: 08/1999

Education:

Master of Science, Safety Management, West Virginia University, 1999

Bachelor of Science, Wildlife & Fisheries Resources, West Virginia University, 1998

Professional Certifications: NA

Research Interests: To investigate fire fighter line-of-duty deaths and to formulate recommendations for preventing future deaths and injuries

Memberships: Emergency Responder Safety Institute

National Committee Assignments:

National Fire Protection Association Standard on Fire Department Occupational Safety and Health Program Committee

Honors: NA

Recent Publications:

NIOSH [2006]. Career Fire Fighter Dies While Exiting Residential Basement Fire – New York. By McFall M., Lutz V., Berardinelli S. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2005-04.

NIOSH [2006]. Volunteer Fire Chief Dies from Injuries Sustained During a Tanker Rollover - Utah. By Tarley J., McFall M. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2005-27.

NIOSH [2006]. Career Fire Fighter Dies and Two Career Captains are Injured While Fighting Night Club Arson Fire – Texas. By McFall M., Tarley J. Cincinnati, Ohio: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report Number F2004-14.

NIOSH [2005]. Career Fire Fighter Drowns While Conducting Training Dive - New Hampshire. By Oerter B., McFall M. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2004-36.

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NIOSH [2005]. A Career Fire Fighter was Killed and a Career Captain was Severely Injured During a Wildland/Urban Interface Operation - California. By McFall M., Braddee R., Hales T. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report F2003-36.

NIOSH [2004]. Volunteer Fire Police Captain Dies From Injury-Related Complications After Being Struck By Motor Vehicle While Directing Traffic-New Jersey. By McFall M., Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Report No. F2003-16.

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NIOSH [2004]. Career Federal Fire Fighter Dies from Injuries Sustained at Prescribed Burn - Arizona. By McFall M., Braddee R. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2003-25.

NIOSH [2004]. Basement Fire Claims the Life of Volunteer Fire Fighter - Massachusetts. By Tarley J., McFall M., Lutz V. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2004-02.

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NIOSH [2003]. Volunteer Fire Fighter Dies after Being Struck by Motor Vehicle on Interstate Highway-Mississippi. By McFall M. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-13.

NIOSH [2003]. Career Fire Fighter Drowns During Final Dive of Training Course – Indiana. By Tarley J., McFall M. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-15.

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NIOSH [2003]. Parapet Wall Collapse at Auto Body Shop Claims Life of Career Captain and Injures Career Lieutenant and Emergency Medical Technician-Indiana. By McFall M., Braddee R. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-44.

NIOSH [2003]. Structural Collapse at an Auto Parts Store Fire Claims the Lives of One Career Lieutenant and Two Volunteer Fire Fighters – Oregon. By McFall M., Guglielmo C., Merinar T., Braddee R. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-50.

NIOSH [2003]. Volunteer Fire Fighter Dies Following Nitrous Oxide Cylinder Explosion While Fighting a Commercial Structure Fire-Texas. By Frederick L., McFall M., Merinar T. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-03.

NIOSH [2002]. Supermarket Fire Claims the Life of One Career Fire Fighter and Critically Injures another Career Fire Fighter – Arizona. By McFall M., Castillo D., Mezzanotte T., Washenitz F. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2001-13.

NIOSH [2002]. Career Fire Fighter Dies after Becoming Trapped by Fire in an Apartment Building – New Jersey. By McFall M., Romano, N., Cortez K. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2001-18.

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NIOSH [2002]. Motor-vehicle Incident Claims the Life of Volunteer Fire Fighter - Ohio. By Frederick L., McFall M. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. F2002-04.

NIOSH [2002]. First Floor Collapse During Residential Basement Fire Claims The Lives Of Two Fire Fighters (Career and Volunteer) And Injures A Career Fire Fighter Captain- New York. By Tarley J., McFall M. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. F2002-06.

NIOSH [2001]. Restaurant Fire Claims the Life of Two Career Fire Fighters – Texas. By Washenitz F., Mezzanotte T., McFall M. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2000-13.

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NIOSH [2001]. A Volunteer Fire Fighter Died and a Second was Seriously Injured After a Fuel Tank Explosion – Iowa. By McFall M., Cortez K. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2000-25.

NIOSH [2001]. A Lieutenant Dies and Three Fire Fighters of a Career Department were Injured When the Truck They Were Responding in was Struck by Another Vehicle – Illinois. By Cortez K., Romano N., McFall M. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2000-39.

NIOSH [2001]. A Volunteer Assistant Chief was Seriously Injured and Two Fire Fighters were Injured While Fighting a Townhouse Fire – Delaware. By McFall M. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control

and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2000-43.

NIOSH [2001]. A Fire Fighter Drowns after Attempting to Rescue a Civilian Stranded in Flood Water – Colorado. By McFall M., Cortez K. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2001-02.

NIOSH [2001]. A Volunteer Fire Fighter Died After Being Struck by a Motor Vehicle While Directing Traffic – New York. By McFall M. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2001-07.

NIOSH [2001]. Motor-vehicle Incident Claims the Life of a Volunteer Assistant Chief – Alaska. By McFall M. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2001-17.

McFall, M, Schmidt, E [2001]. Hazard ID: Traffic hazards to fire fighters while working along roadways, Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2001-143.

McFall M [2001]. Roadside assistance, Fire Chief 2001 Mar; 45(3):62-64.

NIOSH [2000]. Volunteer Fire Fighter Died After Being Struck by an Eighteen-Wheel Tractor Trailer Truck – South Carolina. By McFall M., Schmidt E. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. 99-F38.

NIOSH [2000]. Volunteer Fire Fighter Dies After Coming into Contact with a Downed Power Line – Arkansas. By McFall M., Cortez K. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. 99-F46.

NIOSH [2000]. Warehouse Fire Claims the Life of a Battalion Chief – Missouri. By Washenitz F., McFall M., Mezzanotte T., Cortez K. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. 99-F48.

NIOSH [2000]. Volunteer Fire Fighter Drowns During Dry-Suit Training Dive – North Carolina. By Washenitz F., McFall M. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute

for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2000-11.

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NIOSH [1999]. One Fire Fighter Died and a Second Fire Fighter was Severely Injured After Being Struck by a Motor Vehicle on an Interstate Highway – Oklahoma. By McFall M., Pettit T., Schmidt E. Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. 99-F27.

Name: Eugene A. McKenzie, Jr.

Title: Research Safety Engineer

Discipline: Mechanical Engineering

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NIOSH Employment: July 1999

Education:

Ph. D., M.E. West Virginia University, 1998

Professional Certifications: P.E.

Research Interests: Agricultural and Construction

Memberships:

National Committee Assignments: ASABE PM23/2/2, X599

Honors:

Recent Publications:

McKenzie, Jr., E.A., Etherton, J.R., Harris, J.R., Cantis, D.M and Lutz, T.J [2005] “**NIOSH AutoROPS Research to Practice: Zero Turn Commercial Mowers**” (IMECE2005-81575) *Proceedings of 2005 American Society of Mechanical Engineers, Congress and Exposition*, {November 11, 2005}: Orlando, FL

Mick T, Means K, Etherton J, Powers J, McKenzie, Jr., E.A., [2005] **Design “Recommendations for Controlling the Jam-Clearing Hazard on Recycling Industry Baler”** *Proceedings of 2005 American Society of Mechanical Engineers, Congress and Exposition*, {November 11, 2005}: Orlando, FL

Lutz, T.J. and McKenzie, Jr., E.A., [2005] “**Remote Control on a Zero-turn Commercial Lawn Mower To Conduct SAE J2194 Rollover Test**” *Proceedings of the 2005 ASAE Annual International Meeting (#055004)*, {July 17-20 2005} Tampa, FL

Bobick TG, McKenzie, Jr., E.A., [2005]. “**Using Guardrail Systems to Prevent Falls through Roof and Floor Holes**” *Proceedings of the 2005 ASSE Professional Development Conference* {June 12-15} New Orleans, Louisiana. Des Plaines, American Association of Safety Engineers 1-18

Bobick TG, McKenzie, Jr., EA [2005]. “**Using guardrail systems to prevent falls through roof and floor holes**” *Proceedings of XVIIth World Congress on Safety and Health at Work*, September 16-20, 2005, Orlando, FL. Itasca, IL: National Safety Council, 2005 Sep; :1-18.

Harris JR, Cantis DM, McKenzie, Jr., E.A., Etherton JR, Ronaghi M [2005]. “**Commercialization of cost-effective rollover protective structures (CROPS): research-in-progress**” *Proceedings of the National Institute for Farm Safety (NIFS) Annual Conference*, {June 26-30}: Wintergreen, Virginia. Columbus, OH: National Institute for Farm Safety 1-19

Etherton JR, McKenzie, Jr., E.A., Lutz TJ, Cantis DM, Kau TY, [2004]. “**An Initial Farmer Evaluation of a NIOSH AutoROPS Prototype**”, *International Journal of Industrial Ergonomics* 34:155-165

Name: Jan C. Manwaring

Title: Occupational Safety & Health Specialist

Discipline:

Division/Office: Division of Safety Research/Alaska Field Station

Location: NIOSH/Anchorage, Alaska

Address: 4230 University Drive, Suite 310, Anchorage AK 99508

Telephone: 907-271-2598

NIOSH Employment: 1986

Education:

Masters of public health, health administration and planning, University of Hawaii, 1999
B.S., Environmental Health Science, Brigham Young University, 1976

Professional Certifications:

Registered Environmental Health Specialist (National Environmental Health Association)

Aviation Safety Certificate, University of Southern California

Research Interests:

Occupational safety and health
Environmental health

Memberships:

National Environmental Health Association
American Society of Safety Engineers

National Committee Assignments:

Transportation, Warehousing and Utilities, Traumatic Injury Committee, NORA
NIOSH contact for confined space safety

Honors:

Crisis Response Service Award, U.S. Public Health Service (January 23, 2006)
Unit Commendation, U.S. Public Health Service (February 24, 2006)
Unit Commendation, U.S. Public Health Service (June 24, 2005)
Crisis Response Service Award, U.S. Public Health Service (November 2, 2004)
Field Medical Readiness Badge, U.S. Public Health Service (April 22, 2003)
Founding Member of the U.S. Department of Homeland Security (March 2003)
Outstanding Unit Citation, U.S. Public Health Service (September 6, 2002)
Crisis Response Service Award, U.S. Public Health Service (February 15, 2002)
U.S. Department of Health and Human Services Secretary's Recognition Award for Heroism,
Exceptional/Volunteer Service (November 14, 2001)
Unit Commendation, U.S. Public Health Service (October 22, 2001)
Commendation Medal, U.S. Public Health Service (June, 19, 2001)
High Flyer Award (for outstanding support of aviation safety in Alaska), Federal Aviation
Administration (September 1999)
Bicentennial Unit Commendation (January 1, 1998)
Commendation Medal, U.S. Public Health Service (June 2, 1995)
Outstanding Unit Citation, U.S. Public Health Service (January 12, 1993)
Achievement Medal, U.S. Public Health Service (December 2, 1991)
Unit Commendation Award, U.S. Public Health Service (February 9, 1989)
Isolated Hardship Service Award, U.S. Public Health Service (August 6, 1984)

Recent Publications:

Conway GA, Hill A, Martin S, Mode NA, Berman MD, Bensyl DM, Manwaring JC, Moran KA [2004]. Alaska Air Carrier Operator and Pilot Safety Practices and Attitudes: A Statewide Survey. *Aviation, Space, and Environmental Medicine*, November 2004.

Conway GA, Lincoln JM, Hudson DS, Bensyl DM, Husberg BJ, Manwaring JC [2002]. Surveillance and Prevention of Occupational Injuries in Alaska: A Decade of Progress, 1990-1999. NIOSH Publication No. 2002-15, May 2002.

Thomas TK, Bensyl DM, Manwaring JC, Conway GA. Controlled flight into terrain accidents among commuter and air taxi operators in Alaska. *Aviation Space & Environmental Medicine* 2000;71(11):1098-103.

Name: Suzanne M. Marsh, MPA

Title: Statistician (Health)

Discipline: Occupational Injury Epidemiology

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

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Telephone: 304-285-6009

NIOSH Employment: December 1989

Education:

MPA, Public Administration, West Virginia University, 2006

BS, Statistics (Minor, Mathematics), Virginia Polytechnic Institute and State University, 1989

Research Interests: Research interests include work-related fatal and non-fatal injuries. Topical areas of interest include older workers, highway construction workers, and motor vehicle fatalities.

Honors:

NIOSH Alice Hamilton Award, Human Studies Category, Honorable Mention, 1998

Recent Publications:

(Please note that my last name changed from ‘Kisner’ to ‘Marsh’ during this period.)

External Manuscripts

Driscoll T, Marsh S, McNoe B, Langley J, Stout N, Feyer A-M, Williamson A. Comparison of Fatalities from Work Related Motor Vehicle Traffic Incidents in Australia, New Zealand, and the United States. *Injury Prevention* 2005; 11: 294-299.

Biddle EA, Marsh SM. Comparison of Two Fatal Occupational Injury Surveillance Systems in the United States. *Journal of Safety Research* 2002; 33(3):337-354.

Hartley D, Biddle EA, Grosch JW, Marsh SM. The Burden of Occupational Fatal Injury for Older Workers in the United States. National Safety Council *Injury Insights* June/July 2002.

Chen GX, Jenkins EL, Marsh SM, Johnston JJ. Work-related and Non-Work-related Injury Deaths in the U.S.: A Comparative Study. *Human and Ecological Risk Assessment* 2001; 7(7):1859-1868.

Collins JW, Landen DD, Kisner SM, Johnston JJ, Chin SF, Kennedy RD. Fatal Occupational Injuries Associated with Forklifts, United States, 1980-1994. *Amer J Indust Med* 1999; 36(5):504-512.

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Myers JR, Kisner SM, Fosbroke DE. Lifetime Risk of Fatal Occupational Injuries within Industries, by Occupation, Gender, and Race. *Human and Ecological Risk Assessment* 1998; 4(6):1291-1307.

Biddle EA, Kisner SM. Denominator Effects on Traumatic Occupational Fatality Incidence Rates. *MetLife Statistical Bulletin* Jan-Mar 1998; 79(1):28-36.

Fosbroke DE, Kisner SM, Myers JR. Working Lifetime Risk of Occupational Fatal Injury. *Amer J Indust Med* 1997; 31:459-467.

Kisner SM, Pratt SG. Occupational Fatalities among Older Workers in the United States: 1980-1991. *J Occup Environ Med* 1997; 39(8):715-721.

Pratt SG, Kisner SM, Moore PH. Machinery-related Fatalities in the Construction Industry. *Amer J Indust Med* 1997; 32: 42-50.

Pratt SG, Kisner SM, Helmkamp JC. Machinery-related Occupational Fatalities in the United States, 1980-1989. *J Occup Environ Med* 1996; 38(1):70-76.

Robinson CF, Halperin WE, Alterman T, Braddee RW, Burnett CA, Fosbroke DE, Kisner SM, et al. Mortality Patterns among Construction Workers in the United States. *Occupational Medicine: State of the Art Reviews* 1995; 10(2):269-283.

Kisner SM, Fosbroke DE. Injury Hazards in the Construction Industry. *J Occup Environ Med* 1994; 36(2):137-143.

Jenkins EL, Layne LA, Kisner SM. Homicide in the Workplace: The U.S. Experience, 1980-1988. *AAOHN J* 1992; 40:215-218.

Government publications

Marsh SM, Derk SJ, Jackson LL. Nonfatal Occupational Injuries and Illnesses Among Workers Treated in Hospital Emergency Departments – United States, 2003. *Morbidity and Mortality Weekly Report* 2006; 55(16):449-452.

Pratt SG, Marsh SM, DeGuzman G. Fact Sheet: *Older drivers in the Workplace: Crash Prevention for Employers and Workers*. Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication Number 2005-159.

Marsh SM, Pratt SG. Fact Sheet: *Work-related Roadway Crashes – Who's at Risk?*. Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication Number 2004-137.

Pratt SG, Marsh SM, Le H. Fact Sheet: *Work-related Roadway Crashes – Prevention Strategies for Employers*. Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication Number 2004-136.

Marsh SM. Workers Memorial Day – April 28, 2002. *Morbidity and Mortality Weekly Report* 2002; 51(16):345.

Marsh SM, Layne LA. Fatal Occupational Injuries – United States, 1980-1997. *Morbidity and Mortality Weekly Report* 2001; 50(16):317-320.

Marsh SM, Layne LA. *Fatal Injuries to Workers in the United States, 1980-1995; National Profile*. Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication Number 2001-129.

Marsh SM, Layne LA. *Fatal Injuries to Workers in the United States, 1980-1995; National and State Profiles*. Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication Number 2001-129S.

Pratt SG, Fosbroke DE, Marsh SM. *Building Safer Highway Work Zones: Measures to Prevent Worker Injuries from Vehicles and Equipment*. Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication Number 2001-128.

Casini VJ, Kisner SM, Stout NA. *Worker Deaths by Electrocution*. Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication Number 98-131.

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Jenkins EL, Kisner SM, Fosbroke DE, Layne LA, Stout NA, Castillo DN et al. *Fatal Injuries to Workers in the United States, 1980-1989: A Decade of Surveillance; National and State Profiles*. Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS(NIOSH) Publication Number 93-108S.

Name: Timothy R. Merinar

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Discipline: Occupational Health and Safety

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NIOSH Employment: August 28, 1988

Education:

Bachelor of Science, Engineering of Mines, West Virginia University, Morgantown, WV, 1979
Master of Science, Occupational Health and Safety Engineering, West Virginia University,
Morgantown, WV, 1988

Professional Certifications: None

Research Interests:

Occupational fatality and injury investigations, fire fighter safety, construction safety

Memberships: None

National Committee Assignments: None

Honors:

DHHS Secretary's Award for Distinguished Service: 2002

Recent Publications:

Pettit TA, Merinar TR [1994]. NIOSH Health Hazard Evaluation Report HETA 94-0244-2431. Memphis Fire Department, Memphis, TN. June 1994.

Pettit TA, Merinar TR, Commodore MA, Ronk RM [1994]. NIOSH Alert – preventing injuries and deaths of fire fighters. Cincinnati, OH. U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 94-125.

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Harris JR, Merinar TR, Struttmann T [2005]. Investigation and implications of a compactor fatality. Proceedings of the 2005 ASME International Mechanical Engineering Congress & Exposition (IMECE2005). Orlando, FL, November 5-11, 2005.

Koedam RE, Merinar TR, Bowyer ME [2005]. One probationary career firefighter dies and four career firefighters are injured at a two-alarm residential structure fire – Texas. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report F2005-02.

Merinar TR, McFall M, Bowyer ME [2005]. Career fire captain dies when trapped by partial roof collapse in a vacant house fire – Texas. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report F2005-09.

Koedam R, Merinar TR [2006]. Four construction workers die after cantilever launching gantry collapses at bridge construction site – Ohio. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report F2004-05.

FDA and NIOSH [2006]. FDA and NIOSH Public Health Notification: Oxygen regulator fires resulting from incorrect use of CGA 870 seals. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health.

Moore PH, Merinar TR, [2006]. NIOSH ALERT: Preventing worker injuries and deaths from mobile crane tip-over, boom collapse, and uncontrolled hoisted loads. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2006-142.

Merinar TR, Braddee R, Bowyer ME [2006]. Two volunteer fire fighters die when struck by exterior wall collapse at a commercial building fire overhaul – Alabama. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report F2006-07.

Name: Nicolle Mode

Title: Statistician

Discipline:

Division/Office: Division of Safety Research/Alaska Field Station

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NIOSH Employment: October 6, 2003

Education:

Masters of Science, biostatistics, University of California Los Angeles, 1994

Recent Publications:

Mode, N.A., Wopat, P., & G.A. Conway eds. (2006) *Proceedings of the Second International Fishing Industry Safety and Health Conference*. Cincinnati, OH: Department of Health and Human Services, National Institute for Occupational Safety and Health, No. 2006-114.

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Conway, G.C., Moran, K.A., & N.A. Mode (2004) "Scientific worker and licensed professional deaths in Alaska, 1990-2002" *International Journal of Circumpolar Health*, 63(Suppl2): 353-56.

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NIOSH Employment: February 6, 1992

Education:

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Professional Certifications: None

Research Interests: Occupational Injury (fatality investigation), Emergency Medical Services Safety

Memberships: N/A

National Committee Assignments: N/A

Honors: N/A

Recent Publications:

Moore PH, Merinar TR [2006] NIOSH alert: Preventing Worker Injuries and Deaths from Mobile Crane Tip-Over, Boom Collapse, and Uncontrolled Hoisted Loads. Cincinnati, OH; U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2006-142.

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Proudfoot SL, Romano NT, Bobick TG, Moore PH [2003]. Ambulance Crash-Related Injuries among Emergency Medical Services Workers – United States, 1991 – 2002. MMWR, Vol 52/No. 8, February 28, 2003.

Casini VJ, Moore P [2003]. Preventing Injuries When Working with Hydraulic Excavators and Backhoe Loaders, 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. 2004-107.

Burkhart J, Moore P [2003]. NIOSH alert: Preventing Deaths and Injuries While Compacting or Baling Refuse Material, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2003-124.

Moore P, Romano NT [2002] 26-Year-old Emergency Medical Technician Dies in Multiple Fatality Ambulance Crash – Kentucky. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE) Report F2001–11.

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Moore PH [1997]. NIOSH Alert: Request for assistance in preventing worker injuries and deaths from moving refuse collection vehicle. U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, NIOSH Publication No. 97-110.

Name: John R. Myers

Title: Health Statistician

Discipline: Statistics

Division/Office: Division of Safety Research/Surveillance and Field Investigations
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NIOSH Employment: April 13, 1987

Education:

College: BS Biology, Delaware Valley College of Science and Agriculture, Doylestown, Pennsylvania, Graduated 1980

Masters: MS Forestry, West Virginia University, Morgantown, West Virginia, 26506, Graduated 1985

Doctorate: A.B.D., Forest Resource Sciences, West Virginia University, Morgantown, West Virginia, 26506

Professional Certifications: None

Research Interests:

Childhood and adult agricultural injuries, logging injuries, survey design, applied statistics.

Memberships:

Xi Sigma Pi Forestry Honorary (1980)

Gamma Sigma Delta Agricultural Honorary (1983)

National Institute for Farm Safety

National Committee Assignments:

DSR representative to the Council of State and Territorial Epidemiologists Occupational Health Working Group developing uniform State occupational injury and illness surveillance guidelines.

DSR representative to the USDA NCERA-197 "Agricultural Safety and Health Research and Extension" committee which is implementing a national agricultural safety and health agenda for Land Grant Universities within the US.

Honors:

Lead author of paper nominated by DSR for the 2002 CDC Shepard Award
Honorable Mention, 1997 Alice Hamilton Award

Recent Publications:

Greife A, Halperin W, Groce D, O'Brien D, Pedersen D, Myers JR, Jenkins EL. [1995]. Hazard surveillance: its role in primary prevention of occupational disease and injury. *Appl. Occ. Environ. Hyg.*, 10(9):737-742.

Myers JR, Fosbroke DE. [1995]. The Occupational Safety and Health Administration logging standard: what it means for forest managers. *Jour. Forestry*, 93(11):34-37.

Myers JR, Hard DL. [1995]. Work-related fatalities in the agricultural production and services sectors, 1980 through 1989. *Amer. Jour. Occ. Med.*, 27(1):51-63.

Myers JR, Snyder KA. [1995]. Roll-over protective structure use and the cost of retrofitting tractors in the United States, 1993. *Jour. Ag. Safety and Health*, 1(3):185-197.

Fosbroke DE, Myers JR. [1996]. Logging safety and forest management education: a necessary link. *Jour. Forestry*, 94(7).

Fosbroke DE, Kisner SM, Myers JR. [1997]. Working lifetime risk of occupational fatal injury. *Amer. Jour. Occ. Med.*, 31:459-467.

Myers JR. [1997]. *Injuries Among Farm Workers in the United States, 1993*. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication 97-115.

Zwerling C, Burmeister L, Reynolds S, McKnight R, Browning S, Reed D, Wilkins J, Bean T, Mitchell L, Hallman E, May J, Stark A, Hwang S, Ehlers J, Lalich N, Myers J, Foster K. [1997]. Use of Rollover Protective Structures – Iowa, Kentucky, New York, and Ohio, 1992-1997. *MMWR*, 46(36):842-845.

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Myers JR, Kisner SM, Fosbroke DE. [1998]. Lifetime risk of fatal occupational injuries within industries, by occupation, gender, and race. *Human and Ecol. Risk Assess.*, 4(6): 1291-1307.

Adekoya N, Myers JR. [1999]. Fatal agricultural work injuries from harmful substances or environments in the United States, 1992-1996. *Jour. Occ. and Environ. Med.*, 41(8):699-705.

Castillo DN, Adekoya N, Myers JR. [1999]. Fatal work-related injuries in the agricultural production and services sectors among youth in the United States. *Jour. Agromedicine*, 6(3):27-42.

Hard DL, Myers JR, Snyder KA, Casini VJ, Cianfrocco R, Fields J, Morton L. [1999]. Young workers at risk when working in agricultural production. *Amer. Jour. Occ. Med. Supp.*, 1:31-33.

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Myers JR, Adekoya N. [2001]. Fatal on-farm injuries among youth 16 to 19 years of age: 1982-1994. *Jour. Ag. Safety and Hlth.*, 7(2):101-112.

Myers JR, Hendricks KJ. 2001. Injuries among youth on farms in the United States, 1998. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2001-154.

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Keane KJ, Hornsby-Myers JL, Stephens JW, Harrison JC, Myers JR, Wallace W.E. [2002]. Characterization of hard metal dusts from sintering and detonation coating processes and comparative hydroxyl radical production. *Chem. Res. Toxicol.*, 15(8):1010-1016.

Keane KJ, Martin J, Hornsby-Myers JL, Stephens JW, Harrison JC, Myers JR, Ong T, Wallace WE. [2002]. Particle characterization, free radical generation, and genotoxicity of hard metal and detonation coating dusts. *Ann. Occup. Hyg.*, 46, Supplement 1:402-405.

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Hendricks KJ, Goldcamp EM, Myers JR. [2004]. On-farm falls among youth less than 20-years old in the US. *Jour. Ag. Safety and Hlth.*, 10(1):27-38.

Myers JR. [2004]. It's time for change, one way or another. *Jour. Ag. Safety and Hlth.*, 10(1):3-5.

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NIOSH. [2004]. Asthma among household youth on minority farm operations. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2004-118.

NIOSH. [2004]. Injuries to youth on Hispanic farm operations. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2004-157.

NIOSH. [2004]. Asthma among household youth on Hispanic farm operations. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2004-158.

NIOSH. [2004]. Injuries among youth on farms, 2001. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Pub. No. 2004-172.

Hendricks KJ, Myers JR, Layne LA, Goldcamp EM. [2005]. Household youth on minority operated farms in the United States, 2000: exposures to and injuries from work, horses, ATVs and tractors. *Jour. Safety Res.* 36(2):149-157.

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Myers JR, Hendricks KJ, Goldcamp EM, Layne LA. [2005]. Injuries and asthma among youth less than 20 years of age on Minority farm operations in the United States, 2000 Volume I: Racial minority national data. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2005-147.

Myers JR, Hendricks KJ, Layne LA, Goldcamp EM. [2005]. Injuries and asthma among youth less than 20 years of age on Minority farm operations in the United States, 2000 Volume II: Hispanic national data. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2006-109.

Name: Bradley H. Newbraugh

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NIOSH Employment: September 1996

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Professional Certifications: West Virginia Master Electrician

Research Interests: Occupational Safety

Memberships: None

National Committee Assignments: None

Honors:

2002 Federal Laboratory Consortium (Southeast Region), Honorable Mention for Excellence in Technology Transfer

2002 Alice Hamilton Award, Honorable Mention, Engineering and Physical Sciences Category

Recent Publications:

Zeng S, Stout, NA, Powers JR, Newbraugh, BH, Jackson LL, Conover DL [2005], CDC Ref. No. I-020-05, U.S. Patent Application No. 11/126,009, Electrical Injury Protection System, Filed at U.S. Patent and Trademark office, May 9, 2005.

JR Powers, JR Harris, M Ronaghi, KA Snyder, BH Newbraugh[2001], **Performance of an Automatically Deployable ROPS on ASEA Test.** Journal of Agriculture Safety and Health Vol 751-61, Alice Hamilton 2002 Award as Honorable Mention in the Engineering and Physical Science Category. Preventing Tractor Rollover Fatalities; Performance of the NIOSH AutoROPS,

McKenzie E., Powers J., Harris J., Ronaghi M., Etherton J., Current R., Cantis D., Newbraugh B., and Lutz T. **Continuing Developments at NIOSH on ROPS for Agricultural Tractors,**@

Proceedings of National Institute for Farm Safety Annual Conference, Pittsburgh, June 24 -27, 2001.

Newbraugh BH, and Lutz TJ [2001] **Continuing Developments at NIOSH on ROPS for Agricultural Tractors** In the Proceedings of The National Institute for Farm Safety Annual Conference, (Pittsburgh, Pennsylvania June 24 -27).

Powers JR, Harris JR, Snyder KA, Ronaghi M, Etherton JR, & Newbraugh BH. **Performance of the NIOSH AutoROPS** [Abstract], p.12. October 17-19). 2000.

Powers JR, Harris JR, Etherton JR, Ronaghi M, Snyder KA, Lutz TJ, and Newbraugh BH [2001] **Preventing Tractor Rollover Fatalities: Performance of the NIOSH AutoROPS Injury Prevention** 7(Suppl I): i54-58.

Powers JR, Harris JR, Etherton JR, Snyder KA, Ronaghi M, and Newbraugh BH. [2001] **Performance of an Automatically Deployable ROPS on ASAE Tests** Journal Agricultural Safety and Health 7(1): 51-61.

Powers JR, Harris JR, Etherton JR, Snyder KA, Ronaghi M, and Newbraugh BH [2000] **Performance of a New ROPS on ASAE tests** In the Proceedings of the 93rd Annual International Meeting of ASAE (Milwaukee, Wisconsin July 9-12) [Paper No.007005].

Snyder K., Etherton J., Harris J., Powers J., Ronaghi M., Cutlip R., Newbraugh B., Means K., Howard S., and Mucino V., **Automatically Deploying Roll Over Protective System**, 1998, (CDC Employee Invention Report (EIR) I_005_99/0) (U.S. Provisional Patent Application #60/216,639, July 7, 2000).

Name: Christopher S. Pan

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NIOSH Employment: 1/1995

Education :

Postdoctoral Fellow (National Research Council Fellow), DBBS, NIOSH, 1992-1994.
Ph.D., Industrial Engineering (NIOSH Trainee: Safety Engineering), University of Cincinnati, 1991.
M.S., Industrial Engineering, University of Cincinnati, 1989.
B.S., Industrial Engineering, Tunghai University, Taichung, Taiwan, 1986.

Professional Certifications:

Research Interests: Safety Engineering and Human Factors

Memberships: Human Factors Society

National Committee Assignments: ANSI A10.29

Honors:

Recent Publications (not included conference proceedings):

Pan, C.S., et al., (under review) ‘Biomechanical Evaluations of Foot Placement for Construction Workers on Stilts,’ an invited column to publish in *Journal of Occupational and Environmental Hygiene*.

Ronaghi, M., Wu, J.Z., Pan, C.S., Harris, J., Welcome, D., Chiou, S., Dong, R. (under review) ‘Modeling of the Static Stability of Scissor Lift,’ *ASCE Construction Engineering and Management*.

Pan, C.S., et al., (submitted) ‘Fatal and Nonfatal Fall Incidents Associated with Aerial Lifts: An Injury Surveillance Approach,’ paper was invited for publication in *Journal of Safety Research*.

Chiou S., Pan, C.S., and Bhattacharya, B. (under review) ‘Kinematics and Kinetics of Gait on Stilts: Identification of Risks Associated with Construction Stilts Use,’ *Human Factors*.

Pan, C.S., Chiou, S., and Keane, P., *Workplace Solutions: Preventing Injuries from Installing Drywall* (CDC/NIOSH publication, under final review).

Pan, C.S., Miller, K., Chiou, S., and Wu, J., ‘Evaluation of a Computer-Simulation Model for Human Ambulation on Stilts,’ *Journal of Mechanics in Medicine and Biology*, 4(3), September, 2004.

Pan, C.S., Chiou, S., & Hendricks, S. ‘The effect of drywall lifting method on workers’ balance in a laboratory-based simulation,’ *Occupational Ergonomics*, 4(3), pp. 235-249, 2003.

Pan, C.S. et al., ‘Postural Stability During Simulated Drywall Lifting and Hanging Tasks,’ paper was resented at *IEA 2000/HFES 2000 Congress*, and was published in the *Proceedings*.

Pan, C.S. et al., ‘Assessment of Perceived Traumatic Injury Hazards During Drywall Taping and Sanding,’ *International Journal of Industrial Ergonomics*, 25(6), pp. 621-631, 2000.

Gardner, L. I., Landsittel, D. P., Nelson, N. A., and **Pan, C.S.** ‘Misclassification of Physical Work Exposures,’ *Scandinavian Journal of Work, Environment and Health*, 26(5), pp. 406-413, 2000.

Pan, C.S. et al., ‘Assessment of Perceived Traumatic Injury Hazards During Drywall Hanging,’ *International Journal of Industrial Ergonomics*, 25(1), pp. 29-37, 1999.

Pan, C.S. et al., ‘Ergonomic Exposure Assessment: An Application of the PATH Systematic Observation Method to Retail Workers,’ *IJO&EH*, 5(2), pp. 79-87, 1999.

Pan C.S., & Chiou, S (January, 1999) ‘Slip and fall: Fall protection in construction safety,’ In A. Mital, M. et al., (Eds.), *Industrial and Occupational Ergonomics: Users Encyclopedia*.

Chiou, S., Pan, C.S., and Keane, P. 'Risk Factors Associated with Traumatic Injuries among Drywall Installers' *Journal of Occupational and Environmental Medicine*, 42(11), November, 2000.

Pan, C.S., and Chiou, S. 'Analysis of Biomechanical Stresses during Drywall Lifting,' *International Journal of Industrial Ergonomics*, Volume 23, pp. 505-511, 1999.

Schleifer, L. M., Ley, R., & Pan, C. S. (1997) 'Breathing, Psychological Stress, and Musculoskeletal Complaints in VDT Work,' In M. J. Smith & G. Salvendy (Eds.), *Human Computer Interaction: Applications and Case Studies*, Elsevier Science Publishers, Netherlands, pp. 545-550.

Swanson, N. G., Galinsky, T. L., Cole, L. L., Pan, C.S., & Sauter, S. L. 'The Impact of Keyboard Design on Comfort and Productivity in a Text-Entry Task' *Applied Ergonomics*, 28(1), pp. 9-16, 1996.

Schleifer, L. M., Galinsky, T., & Pan, C.S. 'Mood Disturbances and Musculoskeletal Discomfort: Effects of Electronic Performance Monitoring,' *IJHCI*, 8(4), pp. 369-384, 1996.

Pan, C.S., & Schleifer, L. M. 'Biomechanical Factors and Right-Arm Musculoskeletal Discomfort and Fatigue in a VDT Data-Entry Task' *Applied Ergonomics*, 27(3), pp. 195-200, 1996.

Galinsky, T., Schleifer, L. M., & Pan, C. S. 'The Influence of Performance Standards and Feedback on Speed and Accuracy,' *IJHCI*, 7(1), pp. 25-36, 1995.

Pan, C.S., et al., 'Performance Variability as an Indicator of Fatigue and Boredom Effects in a VDT Data-Entry Task' *International Journal of Human-Computer Interaction*, 6(1), pp. 37-45, 1994.

Pan, C. S., Schleifer, L., & Shell, R. L. 'Speed and Accuracy Variability as an Indicator of Fatigue and Boredom Effects in a Data-Entry Task,' In A. Luczak, A. Cakir, & G. Cakir, (Eds.), *Work With Display Units '92*: Elsevier Science Publishers, Netherlands, pp. 374-378, 1993.

Name: Kara R. Perritt

Title: Chief, Special Studies Team

Discipline: Health Statistics

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

Location: NIOSH/Morgantown, West Virginia

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NIOSH Employment: September 10, 2001

Education:

MS degree in Statistics from Iowa State University, 1997

BS degree in Mathematics from Northern Arizona University, 1990

Professional Certifications: None

Research Interests:

Surveillance of occupational injuries

Injuries to workers in the agricultural industry

Injuries to workers in the road construction industry

Memberships:

Honor Society of Phi Kappa Phi

Honor Society of Agriculture

National Committee Assignments: None

Honors:

Selected for and completed full-time training program through the U.S. Department of
Agriculture

National Agricultural Statistics Service Employee of the Month

Recent Publications

Perritt KR, Boal WL, The Helix Group Inc [2005]. Injuries and illnesses treated at the World Trade Center, 14 September – 20 November 2001. *Prehosp Disast Med* 20(3):177-183.

Jin C, Perritt KR [2004]. Safe work for youth in construction: information for employers. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2004-113.

Perritt KR, Crouse CJ [2001]. The 2002 U.S. Census of Agriculture data processing system. Proceedings of the Office of Management and Budget's 2001 Federal Committee on Statistical Methodology (FCSM) Research Conference. FCSM Statistical Policy Working Papers, Session XI-B, Arlington, VA, NTIS PB2002-100103.

Perritt KR, Todaro TA [2000]. Overview and evaluation of AGGIES, an automated edit and imputation system. Washington DC: U.S. Department of Agriculture, National Agricultural Statistics Service. Research and Development Division Research Report Number RDD-00-03.

Todaro TA, Perritt KR [1999]. Overview and evaluation of AGGIES, an automated edit and imputation system. Proceedings of the Office of Management and Budget's 1999 Federal Committee on Statistical Methodology (FCSM) Research Conference. FCSM Statistical Policy Working Papers, Session VII-B, Arlington, VA, NTIS PB2000-105886.

Name: Timothy J. Pizatella

Title: Deputy Director, Division of Safety Research

Discipline: Safety Engineering

Division/Office: Division of Safety Research

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NIOSH Employment: April 1980

Education:

M.S. Industrial Engineering, West Virginia University, 1987

B. S. Industrial Engineering, West Virginia University, 1977

Professional Certifications:

Research Interests: Occupational Safety and Injury Prevention

Memberships: Academy of Industrial Engineers, West Virginia University

Recent Publications:

Hsiao, H, Simeonov, P, Pizatella, T, Stout, N, McDougall, V and Weeks, J. Extension Ladder Safety: Solutions and Knowledge Gaps, International Journal of Industrial Ergonomics (submitted).

Castillo, DN, Pizatella, TJ, Stout, NA. Injuries, Chapter in: Occupational and Environmental Health: Recognizing and Preventing Disease and Injury, BS Levy, DH Wegman, SL Baron and RK Sokas (Eds.), Lipponcott Williams and Wilkins, Philadelphia, PA, Fifth Edition, pp. 471-487, 2006.

Hodous, TK, Pizatella, TJ, Braddee, R, Castillo, DN. Firefighter Fatalities 1998-2001: Overview with an Emphasis on Structure-related Traumatic Fatalities, Injury Prevention, Volume 10, No. 4, pp. 222-226, August 2004.

Moore, PE, Pizatella, TJ. Request for Assistance in Preventing Worker Deaths from Uncontrolled Release of Electrical, Mechanical, and Other Types of Hazardous Energy, DHHS (NIOSH) Publication No. 99-110, August 1999.

Castillo, DN, Pizatella, TJ, Stout, NA. Injuries, Chapter in: Occupational Health: Recognizing and Preventing Work-Related Diseases, BS Levy and DH Wegman (Eds.), Lipponcott Williams and Wilkins, New York, NY, Fourth Edition, pp. 461-476, 1999.

Stout, N, Borwegen, W, Conway, G, Hoskin, A, Jenkins, L, Linn, H, Luchter, S, McWilliams, N, Pizatella, T, Reeve, G, Smith, G, Snyder, K, Steiner, L. Traumatic Occupational Injury Research Needs and Priorities: A Report by the NORA Traumatic Injury Team, DHHS (NIOSH) Publication No. 98-134, June 1998.

Castillo, D, Hard, D, Myers, J, Pizatella, T, Stout, N. A National Childhood Agricultural Injury Prevention Initiative, Journal of Agricultural Safety and Health, Special Issue (1):183-191, 1998.

Hsiao, HH, Stanevich, RL, Pizatella, T.J , Snyder, KL, Halperin, WE. New NIOSH Programs for Preventing Occupational Traumatic Injury, International Journal of Industrial Ergonomics, Volume 20, pp. 501-508, 1997.

Stout, NA, Jenkins, EL, Pizatella, TJ. Occupational Injury Mortality Rates in the United States: Changes from 1980 to 1989, Journal of the American Public Health Association, Vol. 86, No.1, pp. 73-77, January 1996

Bobick, TG, Pizatella, TJ, Hsiao, HH, Amendola, AA. Job Design Characteristics that Contribute to Work-related Musculoskeletal Injuries: Considerations for Health Care Professionals, In: Special Issue of Orthopaedic Physical Clinics of North America entitled Managing Acute Low Back Pain in the New Health Care Environment, Part II, Vol 4., No. 3, pp. 375-385, September 1995.

Bobick, TG, Stanevich, RL, Pizatella, TJ, Keane, P, Smith, D. Preventing Falls Through Skylights and Roof Openings, Professional Safety, Vol. 39, No. 9, pp. 33-37, 1994.

Pizatella, TJ, Putz-Anderson, V, Bobick, TG, McGlothlin, JD, Waters, TR. Understanding and Evaluating Manual Handling Injuries: NIOSH Research Studies, Ergonomics, Vol. 35, No. 9, pp. 945-953, 1992.

Hard, DL, Myers, JR, Stout, NA, Pizatella, TJ. A Model Agricultural Health Promotion Systems Program for Building State-Based Agricultural Safety and Health Infrastructures, Scandinavian Journal of Work, Environment and Health, Vol. 18, Supplement 2, pp. 46-48, 1992.

Pizatella, TJ, Etherton, JR. Injuries and Amputations Resulting from Work With Mechanical Power Presses, NIOSH Current Intelligence Bulletin 49, DHHS (NIOSH) Publication No. 87-109, May 1987.

Pizatella, TJ, Moll, MB. Simulation of the After-Reach Hazard on Power Presses Using Dual Palm Button Actuation, Human Factors, Vol. 29, No. 1, pp. 9-18, 1987.

Collins, JW, Pizatella, TJ, Etherton, JR, Trump, TR. The Use of Simulation for Developing Safe Workstation Designs on Mechanical Power Presses, Journal of Safety Research, Vol. 17, No. 2, pp. 73-79, 1986.

Putz-Anderson, V. Anderson, C, Badger, D, Nelson, R, Pizatella, T, Sanderson, L, Tanaka, S. A Proposed National Strategy for the Prevention of Musculoskeletal Injuries, Proposed National Strategies for the Prevention of Leading Work-Related Diseases and Injuries, Part 1, Published by the Association of Schools of Public Health, pp. 17-34, September 1986.

Jensen, RC, Pizatella, TJ. Critical Review of Studies to Support Safe-Distance Formulas for Power Press Actuation Mechanisms, Trends in Ergonomics/Human Factors III, W. Karwowski (Editor), Elsevier Sciences Publishers B.V. (North-Holland), pp. 953-962, 1986.

Horton, JT, Pizatella, TJ, Plummer, RW. The Effect of Palm Button Location on Hand Reach Speed for Power Press Operations, Trends in Ergonomics/Human Factors III, W. Karwowski (Editor), Elsevier Sciences Publishers B.V. (North-Holland), pp. 963-969, 1986.

Parsons, TJ, Pizatella, TJ, Collins, JW. Safety Analysis of High Risk Injury Categories Within the Roofing Industry, Professional Safety, Vol. 31, No. 6, pp. 13-17, 1986.

Drury, CG, Pizatella, T. Hand Placement in Manual Materials Handling, Human Factors, Vol. 25, No. 5, pp. 551-562, 1983.

Pizatella, TJ, Etherton, JR, Jensen, RC, Oppold, JA. Investigation of the After-Reach Hazard in Two-Hand Controlled Power Press Operations, Scandinavian Journal of Work, Environment & Health, Vol. 9, pp. 194-200, 1983.

Lark, JJ, Pizatella, TJ, Bochnak, PM, Jensen, RC. Selected Ignited Leaks During LPG Transfer Operations, Professional Safety, Vol. 27, No. 6, pp. 23-27, 1982.

Name: John R. Powers, Jr.

Title: Supervisory General Engineer

Discipline: Electronics /Electrical Engineering

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, West Virginia

Address: 1095 Willowdale Road, M/S-G800, Morgantown, WV 26505

Telephone: 304-285-6219

NIOSH Employment: February 16, 1997

Education: Bachelor of Science, Electrical Engineering, The Pennsylvania State University, 1988

Professional Certifications: None

Research Interests: Primary research interests are in the area of electronic circuit design for safety controls, computer simulations for safety research applications, digital human modeling for safety research applications, and innovative data collection techniques.

Memberships: Institute of Electrical and Electronics Engineers, Society of Automotive Engineers

National Committee Assignments: None

Honors:

2005 Bullard-Sherwood Award for Research 2 Practice, Honorable Mention

2002 Federal Laboratory Consortium (Southeast Region), Honorable Mention for Excellence in Technology Transfer

2002 Alice Hamilton Award, Honorable Mention, Engineering and Physical Sciences Category

Outstanding Performance Ratings: 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998

Performance Awards: 03/2005, 02/2004, 03/2003, 02/2002, 02/2001, 04/2000, 03/1999, 03/1998, 02/1997, 08/1993, 08/1992, 07/1991

Special Act / Service Awards: 11/1997, 10/1996, 12/1995, 08/1993

On The Spot Awards: 08/2005, 10/2004, 08/2004, 03/2003, 08/1999, 07/1998

Invention Awards: 08/2005 (2), 04/2001, 08/2000, 12/1999

Sick Leave Usage Certificate (0 Hours Used): Leave Year 1994

Recent Publications:

Mick, T., Means, K., Etherton, J., Powers, J., McKenzie, E.A., “Design Recommendations For Controlling The Jam-Clearing Hazard On Recycling Industry Balers”, In the Proceedings of the 2005 American Society of Mechanical Engineers Congress and Exposition, Orlando, FL, November 5-11, 2005.

Simeonov P., Hsiao H., Amendola A.A., Powers J.R., Ammons D.A., Kau T., Cantis D.M., “Footwear Effects on Workers’ Instability in a Virtual Roof Workplace”, The American Industrial Hygiene Conference and Expo 2005, Anaheim, CA, May 21-26, 2005, Abstract.

Guan J., Hsiao H., Zwiener J., Current R.S., Newbraugh B.H., Powers J.R., Spahr J., “Injury Potential to a Seat-Belted Operator During a Rear and Side Overturn of a ROPS Equipped Farm Tractor”, In the Proceedings of the National Institute for Farm Safety Conference, Wintergreen, VA, June 28, 2005, Abstract, p.81.

Zeng S., Powers J.R., Jackson L.L., Conover D.L., “Digital Measurement Of Human Proximity To Electrical Power Circuit By A Novel Amplitude-Shift-Keying Radio-Frequency Receiver”, In the Proceedings of the IEEE International Symposium on Circuits and Systems, Kobe, Japan, May 23-26, 2005, pp 576-579.

Etherton J.R., McKenzie E.A., Powers J.R., “Commercializing an Automatically Deployable Rollover Protective Structure (AutoROPS) for a Zero-Turn Riding Mower: Initial Product Safety Assessment Criteria”, In the Proceedings of the ASME International Mechanical Engineering Congress and Exposition, Anaheim, California, November 13-19, 2004.

Guan J., Hsiao H., Current R.S., Powers J.R., Ammons D.E., “Traumatic Injury Potential to Seat Belted Operator During a Rearward Overturn of a ROPS Equipped Farm Tractor”, NORA Meeting [2003], Arlington, Virginia, June 23-24, Abstract, p.51.

Powers J.R., “Fire Fighter Visibility – Which Way is Out?”, National Occupational Injury Research Symposium (NOIRS) 2003, Pittsburgh, Pennsylvania, October 28-30, 2003, Abstract, p.62.

Ammons D.A., Powers J.R., Newbraugh B.H., “Caught-In Injury Protection System for Wood Chippers”, National Occupational Injury Research Symposium (NOIRS) 2003, Pittsburgh, Pennsylvania, October 28-30, 2003, Abstract, p.82.

Zeng S., Powers J.R., Jackson L.L., Conover L.D., "Development of a New Electrical Injury Protection System - Selection of RF Transmitter Mounting Location on the Human Body,"

National Occupational Injury Research Symposium (NOIRS) 2003, Pittsburgh, Pennsylvania, October 28-30, 2003, Abstract, p.111.

Powers J.R., Harris J.R., Etherton J.R., Snyder K.A., Ronaghi M., Newbraugh B.H., “Performance of an Automatically Deploying ROPS on ASAE Tests”, *Journal of Agricultural Safety and Health*, 2001, 7(1):51-61.

Powers J.R., Harris J.R., Etherton J.R., Ronaghi M., Snyder K.A., Lutz T.J., Newbraugh B.H., “Preventing Tractor Rollover Fatalities: Performance of the NIOSH AutoROPS”, *Injury Prevention*, 2001, 7(Suppl I):i54-58.

McKenzie E.A., Powers J.R., Harris J.R., Ronaghi M., Etherton J.R., Current R.S., Cantis D.M., Newbraugh B.H., Lutz, T.J., AContinuing Developments at NIOSH on ROPS for Agricultural Tractors@, In the Proceedings of the National Institute for Farm Safety Annual Conference, Pittsburgh, Pennsylvania, June 24-27, 2001.

Zeng S., Powers J.R., Hsiao H., “A New Video-Synchronized Multichannel Biomedical Data Acquisition System”, *IEEE Transactions On Biomedical Engineering*, 2000, 47(3): 415-419.

Powers J.R., Harris J.R., Snyder K.A., Ronaghi M., Etherton J.R., Newbraugh B.H., APerformance of the NIOSH AutoROPS@, National Occupational Injury Research Symposium (NOIRS) 2000, Pittsburgh, Pennsylvania, October 17-19, 2000, Abstract, p.12.

Ronaghi M., Harris J.R., Powers J.R., Snyder K.A., ADynamic Nonlinear Analysis of Tractor Rollovers@, In the Proceedings of the 9th International ANSYS Conference and Exhibition, Pittsburgh, Pennsylvania, August 28-30, 2000.

Powers J.R., Harris J.R., Etherton J.R., Snyder K.A., Ronaghi M., Newbraugh B.H., APerformance of a New ROPS on ASAE Tests@, In the Proceedings of the 93rd Annual International Meeting of ASAE, Paper No. 007005, Milwaukee, Wisconsin, July 9-12, 2000.

Zeng S., Powers J.R., Hsiao H., AA Video-Synchronized High-Speed-EMG and Metabolic Data Acquisition System@, In the Proceedings of the XIV Triennial Congress of the International Ergonomics Association and the 44th Annual Meeting of the Human Factors and Ergonomics Society, San Diego, California, July 29 - August 4, 2000, pp. 5-124 5-27.

Zeng S., Powers J.R., Jackson L.L., Conover D.L., AFeasibility of Power Line Proximity Warning System Using Radio Frequency Transmission@, In the Proceedings of the 5th World Conference of Injury Prevention and Control, New Delhi, India, March 5-8, 2000.

Zeng S., Powers J.R., Hsiao H., A16-Channel 500-Hz Video-Synchronized EMG Data Acquisition@, In the Proceedings of the 21st AAnnual International Conference of the IEEE Engineering in Medicine and Biology Society, Atlanta, Georgia, October 15, 1999.

Name: Stephanie G. Pratt

Title: Research Health Scientist

Discipline: Epidemiology

Division/Office: Division of Safety Research/Surveillance and Field Investigations Branch

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Address: 1095 Willowdale Road, MS H-1808, Morgantown, WV 26505

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NIOSH Employment: 6/1/1993

Education:

M.A., Applied Social Research, West Virginia University, Morgantown, WV, 1987.

M.M., Applied Music, West Virginia University, Morgantown, WV, 1979.

B.M., Applied Music, West Virginia University, Morgantown, WV, 1977.

Professional Certifications: None

Research Interests:

Motor vehicle crashes

Global road safety

Safety and health of transportation workers

Young workers

Work zone safety

Memberships:

Board of Directors (ex officio), Network of Employers for Traffic Safety

Transportation Research Board (individual affiliate)

National Committee Assignments:

ANSI Z-15 Committee (Safe Practices for Motor Vehicle Operations)

Vehicle User Characteristics Committee (AND10), Transportation Research Board

Coordinator, NIOSH Transportation, Warehousing and Utilities Program

Honors:

Special Act Award (2006) recommended by the Deputy Director, EID, for “critical assistance to the Education and Information Division (EID) and the NIOSH Office of the Director in the development of the NIOSH Program Portfolio Template Design.”

Recent Publications:

Peer-reviewed and NIOSH publications

Adekoya N, Pratt SG [2001]. Fatal unintentional farm injuries among persons less than 20 years of age in the United States: geographic profiles. DHHS (NIOSH) Publication No. 2001-131.

Castillo DN, Pratt SG, Mardis AL, Hendricks KJ [2002]. National Institute for Occupational Safety and Health (NIOSH) recommendations to the U.S. Department of Labor for changes to Hazardous Orders. Report to the U.S. Department of Labor, Employment Standards Administration, Wage and Hour Division. May 3, 2002.

Kisner SM, Pratt SG [1997]. Occupational fatalities among older workers in the United States: 1980-1991. J Occup Environ Med 39(8): 715-721.

Kisner SM, Pratt SG [1999]. Occupational injury fatalities among older workers in the United States, 1980-1994. Am J Indust Med (Supp 1): 24-25.

Lentz T, Votaw D, Ahlers H, Hendricks K, Pratt S, Coleman P, Gillen M, Ehrenberg R [2004]. Occupational fatalities during trenching and excavation work – United States, 1992-2001. MMWR 53(15):311-314.

Mardis AL, Pratt SG [2003]. NIOSH Alert: Preventing deaths, injuries, and illnesses of young workers. Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Pub. No. 2003-128.

Mardis AL, Pratt SG [2003]. Nonfatal injuries to young workers in the retail trades and services industries in 1998. JOEM 45(3): 316-323.

Moore PH, Pratt SG [1996]. Skid-steer loader-related fatalities in the workplace - United States, 1992-1995. MMWR 45(29): 624-628.

Moore PH, Pratt SG [1998]. NIOSH Alert: Preventing injuries and deaths from skid-steer loaders. Cincinnati, OH: Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication No. 98-117.

NIOSH [2004]. Work-related roadway crashes: prevention strategies for employers. By Pratt SG, Le H, Marsh SM. Cincinnati, Ohio: Department of Health and Human Services, Centers for

Disease Control and Prevention, National Institute for Occupational Safety and Health, 2004. DHHS (NIOSH) Pub. No. 2004-136.

NIOSH [2004]. Work-related roadway crashes: who's at risk? By Marsh SM, Pratt SG. Cincinnati, Ohio: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, 2004. DHHS (NIOSH) Pub. No. 2004-137.

NIOSH [2004]. Accidentes viales relacionados con el trabajo: estrategias de prevencion para los empleadores. By Pratt SG, Le H, Marsh SM. Cincinnati, Ohio: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, 2004. DHHS (NIOSH) Pub. No. 2004-136Sp.

NIOSH [2004]. Accidentes viales relacionados con el trabajo: Quien corre peligro? By Marsh SM, Pratt SG. Cincinnati, Ohio: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, 2004. DHHS (NIOSH) Pub. No. 2004-137Sp.

Pratt SG, Kisner SM, Helmkamp JC [1996]. Machinery-related occupational fatalities in the United States, 1980 to 1989. *J Occup Environ Med* 38(1): 70-76.

Pratt SG, Kisner SM, Moore PH [1997]. Machinery-related fatalities in the construction industry. *Amer J Indust Med* 32: 42-50.

Pratt SG, Hard DL [1998]. Injury risk factors associated with workplace agricultural fatalities. *Journal of Agricultural Safety and Health Special Issue* (1): 29-38.

Pratt SG [2000]. Epidemiology of fatal falls from elevation. In: Worker deaths by falls: a summary of surveillance findings and investigative case reports. Cincinnati, OH: Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication No. 2000-116.

Pratt SG, Fosbroke DE, Marsh SM [2001]. Building safer highway work zones: measures to prevent worker injuries from vehicles and equipment. Cincinnati, OH: Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication No. 2001-128.

Pratt SG [2003]. Work-related roadway crashes: challenges and opportunities for prevention (NIOSH Hazard Review). Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Pub. No. 2003-119.

Pratt SG [2004]. Work-related roadway crashes – United States, 1992-2002. *MMWR* 53(12): 260-264.

Pratt SG, Marsh SM, DeGuzman G [2005]. Older drivers in the workplace: crash prevention for employers and workers. NIOSH fact sheet. DHHS (NIOSH) Pub. No. 2005-159.

Wahl GL, Brown M, Parker DL, Pratt SG [1998]. Fatalities associated with large round hay bales B Minnesota, 1994-1996. MMWR 47(2): 27-30.

Wahl GL, Parker DL, Pratt SG, Moore PH [1999]. Childhood work-related agricultural fatalities B Minnesota, 1994-1997. MMWR 48(16): 332-335.

Comments on Proposed Rulemakings

NIOSH [2000]. Comments of the National Institute for Occupational Safety and Health on the Federal Motor Carrier Safety Administration Proposed Revision of the Hours of Service Rules for Commercial Carriers, 49 CFR Part 395, Docket No. FMCSA 97-2350. December 14, 2000.

NIOSH [2000]. Comments of the National Institute for Occupational Safety and Health on the Department of Labor Notice of Proposed Rulemaking and Request for Comments on Child Labor Regulations, Orders and Statements of Interpretation; Child Labor Violations – Civil Money Penalties, 29 CFR Parts 570 and 579. January 28, 2000.

NIOSH [2002]. Comments of the National Institute for Occupational Safety and Health on the Occupational Safety and Health Administration Regulatory Flexibility Act Review of the Excavation Standard. 29 CFR Part 1926, Docket No. S204A. November 19, 2002.

NIOSH [2002]. Comments of the National Institute for Occupational Safety and Health on the Department of Transportation Notice of Proposed Amendments to the Manual on Uniform Traffic Control Devices (MUTCD); Request for Comments. 23 CFR Part 655, FHWA Docket No. FHWA-2001-11159. August 2002.

NIOSH [2003]. Comments of the National Institute for Occupational Safety and Health on the Federal Highway Administration Proposed Rule on Work Zone Safety and Mobility, 23 CFR Part 630, FHWA Docket No. FHWA-2001-11130. September 2003.

NIOSH [2005]. Comments of the National Institute for Occupational Safety and Health on the Federal Motor Carrier Safety Administration Notice of Proposed Rulemaking on the Hours of Service of Drivers, 49 CFR Parts 385, 390, and 395, Docket No. FMCSA 2004-19608. Cincinnati, OH: National Institute for Occupational Safety and Health. March 2005.

Name: Steven L. Proudfoot

Title: Statistician

Discipline: Statistics/Survey Methodology

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NIOSH Employment: November 2000

Education:

Bachelor's, Technical Writing/Applied Mathematics, Alderson-Broaddus College, 1987

Professional Certifications:

West Virginia State Certified Firefighter - Levels I and II; National Wildfire Coordinating Group Certified Wildland Firefighter - Level II

Research Interests: Emergency responder safety: emergency medical technicians/firefighters

Memberships: International Association of Bloodstain Pattern Analysts

National Committee Assignments:

Honors: Special Act Award for contributions to NIOSH firefighter program (2004)

Recent Publications:

Proudfoot SL: "Ambulance Safety in the Fire Service: An Update." Invited Speaker at NFPA World Safety Conference. June 5, 2006.

Proudfoot SL: "Ambulance Crashes: Fatality Factors for EMS Workers." Emergency Medical Services: The Journal of Emergency Care, Rescue and Transportation, Vol 34, No 6. June 2005.

Tarley JL, Husting EL, Proudfoot SL: “Divers Beware: Training Dives Present Serious Hazards to Fire Fighters.” U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. F2004-152. Jun 2004.

Proudfoot SL, Husting EL: “Fire truck crashes with apparatus driver fatalities: Fatality Analysis Report System (FARS): 1991-2000.” Journal of Emergency Management, Vol 2, No 2, Spring 2004. pp 52-56. May 2004.

Proudfoot SL, Fahy RF: “A Profile of Thermal Imaging Camera Ownership in the United States Fire Service.” Presented at 3rd National Occupational Injury Research Symposium. 29 Oct 2003

Proudfoot SL, Romano NT, Bobick TG: "Ambulance crash-related injuries among emergency medical services workers – United States, 1991 - 2002." Morbidity and Mortality Weekly Report. 28 Feb 2003, 52(8):154–156, 2003.

Romano NT, Moore PH, Proudfoot SL: “Volunteer Fire Fighter Dies and Junior Fire Fighter Is Injured After Tanker Rollover During Water Shuttle Training Exercise – Kentucky.” U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. F2001-01. Mar 2002.

Name: Audrey A. Reichard, MPH, OTR

Title: Epidemiologist

Discipline: Occupational Injury Epidemiology

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, MS 1808, Morgantown, WV 26505

Telephone: 304-285-6175

NIOSH Employment: November 2, 2003

Education:

Master of Public Health, Behavioral Science, Emory University, Atlanta, GA, 2000

Bachelor of Science, Allied Medicine, Occupational Therapy, Ohio State University, Columbus, OH, 1995

Professional Certifications:

National Board for Certification in Occupational Therapy (NBCOT) – Registered occupational therapist

Research Interests:

Injury prevention, disability related research, qualitative methods, program evaluation, health behaviors

Memberships:

American Occupational Therapy Association

Recent Publications:

Roberts, C.A., Lobato, M.N., Bazerman, L.B., Kling, R., Reichard, A.A., and Hammett, T.M. Tuberculosis prevention and control in large jails: A challenge to tuberculosis elimination. American Journal of Preventive Medicine, 2006; 30(2): 125-130.

Reichard, A.A., Lobato, M.N., Roberts, C.A., Bazerman, L.B., and Hammett, T.M. Assessment of tuberculosis screening and management practices of large jail systems. Public Health Reports, November–December 2003, 118: 500-507.

Langlois, J.A., Kegler, S. R., Butler, J. A., Gotsch, K. E., Johnson, R. L., Reichard, A.A., Webb, K.W., Coronado, V.G., Selassie, A.W., Thurman, D.J. Traumatic brain injury – Related hospital discharges: Results from a 14-state surveillance system, 1997. In *Surveillance Summaries*, June 27, 2003. MMWR 2003; 52 (No. SS-4): 1-20.

Name: Nancy T. Romano

Title: Safety and Occupational Health Specialist

Discipline: Occupational Safety and Health

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road Morgantown, WV 26505 M/S 1808

Telephone: 304-285-5889

NIOSH Employment: 09/26/99

Education:

Master of Science, Safety Management, West Virginia University, Morgantown, WV, 1992
Bachelor of Science, Criminal Law, Fairmont State University, Fairmont, WV, 1985

Professional Certifications:

Certified Safety and Health Manager (CSHM), Institute of Safety and Health Management

Research Interests:

To identify and study fatal occupational injuries at high risk for injury and then formulate and disseminate prevention strategies to those who can intervene in the workplace.

Memberships: American Society of Safety Engineers (ASSE)

National Committee Assignments:

American Society of Safety Engineers (ASSE), Safety Professionals and the Latino Workforce (SPAWL), Des Plaines, IL. Chairperson for Resource Materials Subcommittee 6/05-Current.

Federal Interagency Committee for Emergency Services (FICEMS), United States Fire Administration (USFA), Emmitsburg, Maryland. Member 1/02-6/06.

FICEMS, Ambulance Safety Committee, United States Fire Administration (USFA), Emmitsburg, Maryland. Chairperson 6/03-6/06.

Recent Publications:

NIOSH [2006]. Hispanic Laborer on Roadway Construction Work Site Run Over and Killed by Backing Flat Bed Dump Truck-NC. By Romano N. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE), DHHS (NIOSH) Publication No. FACE 2004-11.

NIOSH [2005]. Career Fire Fighter/Emergency Medical Technician Dies and Paramedic is Injured in a Three-Vehicle Collision - Nebraska. By Romano N., Moore P. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. 2003-33.

NIOSH [2004]. Hispanic Logger Struck and Killed by a Falling Tree Cut by a Feller Buncher Machine – North Carolina. By: Romano NT. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation FACE Report No: 2004-04.

NIOSH [2004]. Hispanic Painter Electrocuted When the Aluminum Extension Ladder He was Positioning Contacted an Overhead Powerline - South Carolina. By Casini V, Romano N. Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation FACE Report No. 2003-11.

NIOSH [2004]. Hispanic Painter Electrocuted while Attempting to Reposition Ladder while it Contacts Powerline-NC, By Romano N. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE), DHHS (NIOSH) Publication No. FACE 2003-10.

NIOSH [2004]. Off-duty Career Fire Fighter Dies and another Off-duty Career Fire Fighter is Injured after being Struck by a Truck while Assisting at a Highway Traffic Incident-FL, By Tarley. J., Romano N., and Berardinelli, S. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. F2002-35.

NIOSH [2004]. Emergency Medical Technician Dies in Ambulance Crash-NY, Cincinnati, OH: By Romano NT., Cortez K., Moore PH. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation (FACE), DHHS (NIOSH) Publication No. FACE 2001-12.

Proudfoot SL, Romano NT, Bobick TG, Moore PH [2003]. Ambulance Crash-Related Injuries Among Emergency Medical Services Workers - United States, 1991 - 2002, MMWR 52(8):154-156.

NIOSH [2003]. Two Hispanic Guardrail Installers Die After Being Struck by a Guardrail- North Carolina, By Higgins D., Romano N.T. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fatality Assessment and Control Evaluation FACE Report No. 2003-09.

NIOSH [2003]. Career Fire Fighter/Emergency Medical Technician Dies in Ambulance Crash- Texas, Lutz V., Romano NT. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-05.

NIOSH [2003]. Volunteer Lieutenant Dies Following Structure Collapse at Residential House Fire-Pennsylvania, By Braddee RW., Romano NT. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No F2002-49.

NIOSH [2003]. Emergency Medical Technician Killed in Single-Vehicle Crash While Responding to Structure Fire - North Carolina, By Romano NT, Lutz V. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-42.

NIOSH [2003]. Career Fire Fighter Dies in Tanker Rollover - North Carolina, By Romano NT., Lutz V. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-41.

NIOSH [2003]. Career Lieutenant and Fire Fighter Die in a Flashover During a Live-Fire Training Evolution - Florida, By Romano NT., Tarley J., Beradinelli S. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-34.

NIOSH [2003]. One Career Fire Fighter Dies and a Captain Is Hospitalized After Floor Collapses in Residential Fire - North Carolina, By Romano NT., Frederick L. Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2002-11.

NIOSH [2002]. Career Fire Chief Dies After Being Struck By A Fire Truck At A Motor Vehicle Incident- KS, By Romano N., Frederick L. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. F2002-18.

NIOSH [2002]. Career Fire Fighter Dies After Becoming Trapped by Fire in Apartment Building- NJ, By McFall M., Romano N., Cortez K. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. F2001-18.

Romano Nancy T [2001]. Fire fighter deaths from tanker truck rollovers, Cincinnati, OH: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Hazard ID 14.

Name: Mahmood Ronaghi

Title: Research Safety Engineer

Discipline: Mechanical/Aerospace Engineering

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-6054

NIOSH Employment: 2/1996

Education:

M.S., Aerospace Engineering, University of Colorado at Boulder, 1994

M.S., Mechanical Engineering, North Carolina A&T State University, 1992

B.S., Industrial Technology Mechanical Design, Jackson State University, 1986

M.B.A., Business Administration, Jackson State University, 1979

B.S., Cost Accounting, Institute of Advanced Accounting, Tehran, Iran, 1976

Professional Certifications:

Research Interests:

Aerial lift static/dynamic stability and modeling simulation

Use of Composite Materials in ROPS Structures

Redesign of Auto-ROPS Structures

Finite Element modeling of CROPS

Memberships:

National Committee Assignments:

Honors:

Alice Hamilton Award, 2002, Honorable Mention, “Performance of an Automatically Deployable ROPS on ASAE Tests”, Journal of Agricultural Safety and Health 7(1): 51-61
Honorable Mention Award for Excellence in Technology Transfer, 2002, on AutoROPS from the Federal Laboratory Consortium Southeast Region

Inaugural Bullard-Sherwood Award for Research to Practice (r2p) “ROPS Technology Transfer Team”, Honorable Mention, for outstanding achievement in transferring technology into the workplace, April 2005

Recent Publications:

M. Ronaghi, J.Z. Wu, C.S. Pan, J.R. Harris, D.E. Welcome, S.S. Chiou, R.G. Dong, Modeling of the Static Stability of a Scissor-Lift, *Journal of ASCE Construction Engineering and management*, in press

Ronaghi M, Abukhadra SM, McKenzie, Jr., E.A., Etherton JR, Means KH [2005]. Finite Element Modeling of a Fiber Reinforced Plastics Composite Materials in Automatically Deployable Rollover Protective Structure *ASME International Mechanical Engineering Congress IMECE2005-81365*, Poster Presentation, November 4-11, 2005 Orlando, Florida

John R. Etherton, Mahmood Ronaghi, Richard S. Current, Development of a Pultruded FRP Composite Material ROPS for Farm Tractors, *Journal of Composite Structures*, in press, 2005

Ronaghi, M., J. Etherton, R. Current, Comparison of FE Modeling of Pultruded FRP Composite Materials with Laboratory Results in a feasibility Study of ROPS, Proceeding of 2004 National Symposium on Agricultural Health and Safety, Keystone Resort, CO, June 20-24, 2004.

Ronaghi, M., S. Abukhadra, E. McKenzie, J. Etherton, J. Harris, Mathematical Modeling and laboratory Testing Results in an Application of Pultruded Composite Materials in ROPS, 2004 ASME International Mechanical Engineering Congress, Anaheim, CA, November 13-19, 2004

Ronaghi, M., Current, R., and Etherton, J., Research on the Use of Composite Materials in ROPS, Proceedings of National Institute for Farm Safety Annual Conference, Pittsburgh, June 24 -27, 2001.

Powers, J., Harris, J., Snyder, K., Etherton, J., Ronaghi, M., and Newbraugh, B., Performance of a New ROPS on ASAE Tests, *Journal of Agricultural Safety and Health*, 7(1): 51-61, 2001.

M Ronaghi, J Harris, J Powers, and K Snyder, “Dynamic Nonlinear Analysis of Tractor Rollovers,” *Proceedings of the Ninth International ANSYS Conference and Exhibition*, Pittsburgh, Pennsylvania, August 28-30, 2000.

Name: Peter Simeonov

Title: Research Safety Engineer

Discipline: Traumatic Injury Prevention

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-6268

NIOSH Employment: January 2, 1998

Education:

B.S. & M.S. in Civil and Structural Engineering, University of Architecture, Construction and Geodesy, Sofia, Bulgaria, 1979.

Ph.D. Technical Sciences – Construction Engineering Materials, Bulgarian Academy of Sciences, Sofia, Bulgaria, 1987.

Professional Certifications:

Research Interests: Traumatic injury prevention in construction and related industries, fall prevention and protection. Application of Virtual Reality simulations for safety research (modeling of dangerous environments, i.e., elevated workplaces) for human balance control evaluation and enhancement. Methodology includes a wide range of dynamics, kinematics and psychophysics evaluations of human movement, perceptions and psycho-physiological responses to stimuli in the workplace.

Memberships:

American Society of Safety Engineers
International Society for Fall Protection

National Committee Assignments:

US Technical Advisory Group to ISO TC 94 on Fall Protection,
OSHA alliances - Fall Protection and Design for Safety workgroups

Honors:

Multiple awards for excellence in education at the University of Architecture, Construction and Geodesy, Sofia, Bulgaria, 1974-79.

IREX Foundation Fellowship for research at Northwestern University, Evanston, IL (1991).

NRC Fellowship for research at DSR, NIOSH, CDC (1998-2000).

Recent Publications:

Simeonov P, Hsiao H, Powers J, Ammons D, Amendola A, Kau T, Cantis D. (2006). Footwear effects on walking balance at elevation. (submitted to *Ergonomics*)

Hsiao H, Hause M, Powers J, Kau T, Hendricks, & Simeonov (2006) Effect of scaffold end-frame carrying strategies on worker stepping response, postural stability, and perceived task difficulty (submitted to *Human Factors*)

Hsiao H, Simeonov P, Dotson B, Ammons D, Kau T, Chiou S. (2005). Human responses to augmented virtual scaffolding models. *Ergonomics*, 48(10), 1223-42.

Simeonov P, Hsiao H, Dotson B, Ammons D. (2005) Height effects in real and virtual environments. *Human Factors*, 47(2), 430-438.

Simeonov P, Hsiao H, Dotson B, Ammons D. (2003). Control and perception of balance at elevated and sloped surfaces. *Human Factors*, 45, 136-147.

Simeonov P, Hsiao H. (2001). Height, surface firmness and visual reference effects on balance control. *Injury Prevention*, 7(Suppl 1), i50-53.

Hsiao H, Simeonov P. (2001). Preventing falls from roofs: a critical review. *Ergonomics*, 44(5), 537-561.

Name: James S. Spahr

Title: Leader, Protective Equipment Team
Captain, USPHS Commissioned Corps

Discipline: Safety & Occupational Health Specialist

Division/Office: Division of Safety Research/Protective Technology Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road., Morgantown, WV 26505

Telephone: 304-285-6242

NIOSH Employment: March, 2001

Education:

USPHS Certificate of Training, IHS Injury Prevention Specialist Fellowship Training Program,
Sept. 1998

USPHS Certificate of Training, IHS Institutional Environmental Health Fellowship Training
Program, Sept.1986

Masters of Public Health, International Health, The Johns Hopkins University, Baltimore, MD,
May 1984

Bachelor of Arts, Anthropology, Miami University, Oxford, Ohio, June 1972

Professional Certifications:

Certified Healthcare Environmental Manager (HEM) - Center for Healthcare Env. Management
Diplomat (DAAS)- American Academy of Sanitarians
Registered Professional Sanitarian (RS) - Texas Department of Health, Registration #2100

Research Interests:

Applied Anthropometry
Personal Protective Clothing and Equipment, other than Respiratory
Institutional Environmental Health

Memberships:

American Society of Safety Engineers
Human Factors and Ergonomics Society
National Fire Protection Association
Society of Automotive Engineers

National Committee Assignments:

Professional Member, NFPA Standard 1971 Technical Committee

Honors:

Eighteen USPHS Uniform Services Awards

Recent Publications/Book Chapters/Articles/Abstracts:

Spahr, JS, et al: "*Selecting, Evaluating, and Using Sharps Disposal Containers*". NIOSH Publication No. 97-111: DHHS/PHS/CDC/NIOSH, January, 1998, pgs 1- 29.

Spahr, JS. Chapter: "*Personal Protective Clothing and Equipment (Other than Respiratory)*". In: Heinsohn PA, *et al.* ed. Bio-safety Reference Manual, 2nd edition. American Industrial Hygiene Association. Fairfax VA 1995, pgs 71- 89.

CDC Staff Coauthor: "*Health Concerns Associated with Disaster Victim Identification After a Tsunami – Thailand, December 26, 2006-March 31, 2005*". DHHS, CDC, MMWR, April 15, 2005/Vol.54/No.14.

Spahr, JS., *Accommodation Comparison between U.S. NFPA 1971 and European EN 659 Glove Size Schemes with a Contemporary (CAESAR) Anthropometric Hand Size Database.*, Vienna, Austria. June 6-9, 2004. page 752.

Spahr, and Kau: *Calculation of a Hispanic Obesity Index for Workplace Wellness Programs.* Washington DC, April 18-20, 2006, NORA Symposium, page 250.

Spahr, Kau, Zwiener, Whisler, Hsiao. *Relative Change of Hand Size Over Time: Implications for Glove-Size Schemes and Labeling for End-Users.* Arlington VA June 23-24, 2003, page 57.

Harris, Whisler, Ammons, Spahr, Jackson, PhD. *Assessing PPE Protection – Development of a Safety Eyewear Coverage Coefficient.* Arlington VA June 23-24, 2003, page 105.

Spahr, Kau, Hsiao, Zwiener. *Anthropometric Differences Among Hispanic Occupational Groups.* Pittsburgh PA Oct 28-30, 2003, page 91.

Spahr, J.S. "*Aircraft Disinsection: Overview of Methods, Materials and Hazards*"; USPHS COA Professional Conference, Philadelphia, PA, June 6-10, 2005.

Copyrighted Occupational Health & Safety Training Materials Development:

"HCW Training Program on the OSHA Bloodborne Pathogen Standard",
Interactive Compact Disc (CD-I) format, in association with AMPED, Inc. Atlanta, GA Jan
1994.

Name: Nancy A. Stout, Ed.D.

Title: Director, Division of Safety Research

Discipline: Quantitative Methods / Epidemiology

Division: Division of Safety Research

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road, Morgantown, WV 26505

Telephone: 304-285-5894

NIOSH Employment:

1997 – Present: Director, Division of Safety Research, National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention (CDC) Morgantown, WV

1996 - 1997: Acting Deputy Director, Division of Safety Research, National Institute for Occupational Safety and Health, CDC, Morgantown, WV.

1991-1996: Acting Chief, Surveillance and Field Investigations Branch, Division of Safety Research, National Institute for Occupational Safety and Health, CDC, Morgantown, WV.

1993 (Sept.-Dec.): Associate Director for Extramural Coordination, National Institute for Occupational Safety and Health, CDC, Atlanta, GA.

1990-1991: Chief, Injury Surveillance Section, Surveillance and Field Investigations Branch, Division of Safety Research, National Institute for Occupational Safety and Health, CDC, Morgantown, WV.

1988 (July-Dec.): NIOSH liaison to the Australian National Institute of Occupational Health and Safety, CDC, Sydney and Adelaide, Australia.

1985-1990: Statistician (health), Data Analysis Section, Injury Surveillance Branch, Division of Safety Research, National Institute for Occupational Safety and Health, CDC, Morgantown, WV.

Education:

New England Epidemiology Institute, Tufts University, Medford, MA, 1990.

Ed.D.: West Virginia University
Quantitative Methods, Department of Educational Psychology, May (1985)

M.A.: West Virginia University
Sociology (Medical) (1978)

B.A.: West Virginia University
Cum Laude, Sociology and Spanish (1976)

Memberships:

American Public Health Association (APHA)
National Advisory Committee for Injury Prevention and Control
International Collaborative Effort (ICE) on Injury
CDC Credentialing Committee
International Scientific Committee for the World Conference on Injury Prevention
and Control
Editorial Board: Journal of Safety Research
Editorial Board: Applied Occupational and Environmental Hygiene
Editorial Board: Injury Prevention
Review Board: American Journal of Health Behavior
Article reviewer for AJPH, JAMA, AJIH, JOM, AJIM, JOEH.

Patents:

Zeng S, Stout N, Powers JR, Newbraugh B, Jackson LL, Conover DL. Electrical Injury Protection System Using Radio Frequency Transmission. The United States of America as represented by the Department of Health and Human Services, Washington DC US 6,897,783 B2 ed.2005.

Recent Publications:

Stout N. Transferring Workplace Injury Prevention Research to Practice: Strategies and Examples from the National Institute for Occupational Safety and Health. *Professional Safety*. In press.

Castillo D, Pizatella T, Stout N. Injuries. In: Levy B, Wegman D, Baron S and Sokas M, eds. Occupational and Environmental Health: Recognizing and Preventing Work-Related Disease and Injury, 5TH Edition. Lippincott Williams and Wilkins, 2006.

Driscoll T, Marsh S, McNoe B, Langley J, Stout N, Feyer AM, Williamson A. Comparison of fatalities from work-related motor vehicle incidents in Australia, New Zealand and the United States. *Injury Prevention* 2005; 11(5):294-299.

Stout N and Linn H. Occupational Injury Prevention Research: Progress and Priorities. *Injury Prevention* 2002; 8(IV):iv9-14.

Driscoll T, Feyer A-M, Stout N, Williamson A. Assessing the classification of work-relatedness of fatal incidents: a comparison between Australia, New Zealand and the United States. *Injury Control and Safety Promotion* 2002; 9(1):32-39.

Stout N. The Relevance of Occupational Injury Research: Guest Editorial. *Injury Prevention* 2001; 7 (Supplement I):i1-2.

Stout N and Linn H. From Strategy to Reality: 25 Years of Planning and Progress in Occupational Injury Research: Special Feature. *Injury Prevention* 2001; 7 (Supplement I):i11-14.

Feyer A-M, Williamson A, Stout N, Driscoll T, Usher H, Langley J. Comparison of work-related fatal injuries in the United States, Australia, and New Zealand: Methods and Overall Findings. *Injury Prevention* 2001; 7:22-28.

Williamson A, Feyer A-M, Stout N, Driscoll T, Usher H. Use of Narrative Analysis for Comparison of the Causes of Fatal Accidents in Three Countries: New Zealand, Australia, and the United States. *Injury Prevention* 2001; 7 (Supplement 1):15-20.

Rosenstock L and Stout N. Occupational Injury Risk Assessment: Perspective and Introduction to the First Special Issue. *Human and Ecological Risk Assessment* 2001; 7(7):1771-1773.

Feyer A, Williamson A, Stout N, and Driscoll T. International Occupational Injury Mortality Comparisons. In: Proceedings of the International Collaborative Effort on Injury Statistics, Vol. III. Hyattsville, MD: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Center for Health Statistics. 2000.

Castillo D, Stout N. and Pizatella T. Injuries. Chapter in: Levy BS, and Wegman DH (eds.) Occupational Health: Recognizing and Preventing Work Related Diseases, 4th ed. New York, NY: Lippincott Williams & Wilkins: New York, NY, pp. 461-476, 2000.

Rosenstock L and Stout N. Occupational Injury Risk Assessment: Perspective and Introduction. *Human and Ecological Risk Assessment*, 4(6):1255-1258, 1998.

Stout N, Borwegen W, Conway G, et al. Traumatic Occupational Injury Research Needs and Priorities: a Report by the NORA Traumatic Injury Team. Cincinnati, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. DHHS (NIOSH) Publication No. 98-134. 1998.

Bailer AJ, Stayner LT, Stout NA, Reed LD, and Gilbert MS. Trends in Occupational Fatal Injury Rates in the United States (1983-1992). *Occupational and Environmental Medicine* 55: 485-498, 1998.

Castillo D, Hard D, Myers J, Pizatella T, and Stout N. A National Childhood Agricultural Injury Prevention Initiative. *Journal of Agricultural Health and Safety* Special Issue (1):183-191, 1998.

Stout N. Analysis of Narrative Text Fields in Occupational Injury Data, chapter in *Occupational Injury: Risk, Prevention, and Intervention*, eds. AM Feyrer and A Williamson, pp 15-20. London: Taylor and Francis, Ltd. 1998.

Invited Presentations:

The Public Health Approach to Prevention in the US, *invited* presentation to the 3rd International Conference on Working on Safety, September, 2006, Eemhof, The Netherlands.

Research to Practice: Moving Science to Solutions at NIOSH. 2006 American Society of Safety Engineers Professional Development Conference, June, 2006, Seattle, Washington.

Occupational motor vehicle safety of federal employees. *Invited* presentation at the OSHA Commemoration of *Drive Safely at Work Week*. Oct. 6, 2004. Washington, DC.

Injury Prevention Research Initiatives at NIOSH. *Invited* presentation to the Educational Resource Center, Johns Hopkins University. April 6, 2004. Baltimore, MD.

The Public Health Approach to Occupational Injury Prevention Research. *Invited* presentation to Occupational Injury Prevention graduate class. Johns Hopkins University. April. 6, 2004. Baltimore, MD.

The Role of Research in Occupational Injury Prevention. *Invited Plenary* at the West Virginia Injury Prevention Conference, Morgantown, West Virginia, August, 2003.

Lighting the Pathway: The Role of Research in Occupational Injury Prevention. *Invited Plenary* at the 2nd Maine Occupational Safety and Health Research Symposium, Portland, Maine, May, 2003.

Occupational International Collaborative Effort on Injury. *Invited* presentation to the International Collaborative Effort on Injury Statistics, Paris, France, April, 2003.

Transforming Occupational Injury Research Findings to Workplace Prevention: Achieving Impact Through Partnership. *Invited Plenary* at the Alaska Governor's Safety and Health Conference, Anchorage, Alaska, March, 2003.

Stout N. "Occupational Injury Prevention Research: Progress and Priorities." *Invited State-of-the-Art Lecture* on Occupational Safety. 6th World Conference on Injury Prevention and Control. Montreal, Canada, May 2002 .

Stout N. “Work-related Injury Data Collection in the United States.” *Invited presentation* at the National Seminar on Work-related Injuries in New Zealand. Wellington, NZ, February 3, 1998.

Stout NA. “Use of narrative text fields in death certificate data.” *Invited presentation* at the Annual Meeting of the Association for Vital Records and Health Statistics. San Fransisco, CA, May 11, 1995.

Stout NA. “International Collaborative Efforts on Occupational Injury Surveillance.” *Invited presentation* to the International Collaborative Effort on Injury. Hyattsville, MD, April, 1993.

Name: Jay Tarley

Title: Safety and Occupational Health Specialist

Discipline: Safety Engineering

Division/Office: Division of Safety Research/Surveillance and Field Investigations
Branch

Location: NIOSH/Morgantown, WV

Address: 1095 Willowdale Road Morgantown, WV 26505 m/s 1808

Telephone: 304-285-5858

NIOSH Employment: October 17, 1997

Education:

B.S. Safety Engineering, Fairmont State College, 1995

Professional Certifications: HAZWOPER Trainer, OSHA 500 Construction Safety Trainer, National Fire Protection Association Fire Fighter I & II

Research Interests: Fire Fighter Health and Safety

Memberships: National Fire Protection Association

Recent Publications:

NIOSH [2005]. Volunteer fire fighter/rescue diver dies in training incident at quarry - Pennsylvania, By Koedam R, Tarley J, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No F2005-29.

NIOSH [2005]. Volunteer fire chief dies from injuries sustained during a tanker rollover - Utah, By Tarley J, McFall M, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No F2005-27.

NIOSH [2005]. Residential basement fire claims the life of career lieutenant - Pennsylvania. By Tarley J, Lutz V, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2003-25.

NIOSH [2005]. Preventing Deaths and Injuries to Fire Fighters during Live-Fire Training in Acquired Structures [Workplace Solutions]. By Tarley J, 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. 2005-102.

NIOSH [2005]. A volunteer fire fighter and volunteer assistant lieutenant die after a smoke explosion at a town house complex - Wyoming, By Tarley J, Bowyer M, Merinar T, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No F2005-13.

NIOSH [2005]. Career captain dies after running out of air at a residential structure fire - Michigan, By Tarley J, Bowyer M, Merinar T, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No F2005-05.

NIOSH [2005]. Career Fire Fighter Dies After Falling From Tailboard and Being Backed Over by Engine - California. By Tarley J, Morgantown, WV: U. S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2005-01.

NIOSH [2005]. Career Fire Fighter Dies and Two Career Captains are Injured While Fighting Night Club Arson Fire – Texas. By McFall M, Tarley J, Cincinnati, Ohio: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report Number F2004-14.

NIOSH [2005]. Career Fire Fighter Dies of Carbon Monoxide Poisoning after Becoming Lost While Searching for the Seat of a Fire in Warehouse - New York. By Frederick L, Tarley J, Guglielmo C, Merinar T, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2004-04.

NIOSH [2004]. Off-duty Career Fire Fighter Dies and another Off-duty Career Fire Fighter is Injured after being Struck by a Truck while Assisting at a Highway Traffic Incident-FL, By Berardinelli S, Romano N, Tarley J, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. F2002-35.

NIOSH [2004]. Career battalion chief and career master fire fighter die and twenty-nine career fire fighters are injured during a five alarm church fire - Pennsylvania, By Berardinelli S, McFall M, Tarley J, Oerter B, Merinar T, Morgantown, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No F2004-17.

NIOSH [2004]. NIOSH Workplace Solutions – Divers Beware: Training Dives Present Serious Hazards to Fire Fighters. By Tarley J, Proudfoot S, Husting L, Cincinnati, OH: Department of Health and Human Services, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Publication No. 2004-152.

NIOSH [2004]. Career Fire Fighter Dies from Injuries Received during a Chimney and Structural Collapse after a House Fire-Pennsylvania, By Lutz V, Berardinelli S, Tarley J, Morgantown, WV, OH: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Report No. F2003-04.

NIOSH [2004]. Basement Fire Claims the Life of Volunteer Fire Fighter - Massachusetts. By Tarley J; McFall M; Lutz V, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Report No. F2004-02.

NIOSH [2004]. Partial Roof Collapse in Commercial Structure Fire Claims the Lives of Two Career Fire Fighters-Tennessee, By Tarley J, Merinar T, McFall M, Berardinelli S, Morgantown, WV: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, DHHS (NIOSH) Report No. F2003-18.

NIOSH [2003]. Live fire training exercise claims the life of one recruit fire fighter and injures four others – Florida, By Hales T, Tarley J, McFall M, Jackson S, Cincinnati, OH: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No F2003-28.

NIOSH [2003]. Volunteer Captain Killed in Fire Apparatus Crash While Responding to a Training Exercise - Oregon, By Tarley J, Braddee R, WV: Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health, Fire Fighter Fatality Investigation and Prevention Program Report No. F2003-14.

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Professional Certifications:

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Memberships: American College of Sports Medicine

National Committee Assignments:

Honors:

NIOSH Alice Hamilton Science Award Nomination, 1992.

Rating of “Outstanding” 05/1993, 05/1994, 01/2006

Recent Publications:

Sinkule, E., Turner, N., and Eschenbacher, W. Metabolic and respiratory responses during the performance of a one-hour Man Test 4. Journal of the International Society for Respiratory Protection, Volume 19, Issues I & II, Spring/Summer 2002.

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Professional Certifications: None

Research Interests: Biostatistics and Epidemiology

Memberships:

American Statistical Association

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National Committee Assignments: None

Honors:

NIOSH Alice Hamilton Award

CDC and ATSDR Statistical Science Award

Recent Publications:

Change in Permeation Parameters and the Decontamination Efficacy of Three Chemical Protective Gloves after Repeated Exposures to Solvents and Thermal Decontaminations. Gao P, El-Ayouby N, Wassell JT. *American Journal of Industrial Medicine* 47(2), 2005, pp. 131-143.

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Assessment of Perceived Traumatic Injury Hazards During Drywall Hanging. Pan CS, Chiou S, Hsiao H, Wassell JT and PR Keane. *International Journal of Industrial Ergonomics*, 25(1), Nov 1999, pp 29-37.

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Associate Degree, Computer Information Management, International Academy of Design and Technology, 1993

Associate Degree, Computer Animation and Multimedia, Art Institute of Pittsburgh, 1995

Professional Certifications: CompTIA - A+ Certified Service Professional, IRIX System Administration, Anthropometric Land Marking and Measuring

Research Interests: Occupational safety, anthropometry, computer modeling for safety research applications, digital human modeling for safety research applications, fall protection harnesses, and laser scanning for safety research applications.

Memberships: None

National Committee Assignments: None

Honors: None

Recent Publications:

Spahr J., Kau T., Zwiener J., Whisler R., Hsiao H. (2003) Relative Change in Hand Size Over Time: Implications for Glove-Size Schemes and Labeling for End- Users. NORA{Arlington, Virginia}{June 23-24}:57

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B.Eng. in Radio Technology, Guangxi University, 1982

Professional Certifications: None

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Memberships: Institute of Electrical and Electronics Engineers (IEEE), Engineering in Medicine and Biology Society

National Committee Assignments: None

Honors: None

Recent Publications:

Zeng, S; Powers, JR; Jackson, LL; Conover, DL, “Electrical Injury Protection System Using Radio Frequency Transmission”, **U.S. Patent** No. 6,897,783, issued by the United States Patent and Trademark Office, May 24, 2005.

Zeng, S; Powers, JR; Jackson, LL; Conover, DL, "DIGITAL MEASUREMENT OF HUMAN PROXIMITY TO ELECTRICAL POWER CIRCUIT BY A NOVEL AMPLITUDE-SHIFT-KEYING RADIO-FREQUENCY RECEIVER", **Conference Paper**, proceedings of the IEEE International Symposium on Circuits and Systems, Kobe, Japan, May 23-26, 2005, pp576-579.

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Zeng S, Powers J, Jackson L.L., Conover L.D., "Development of a New Electrical Injury Protection System-Selection of RF Transmitter Mounting Location on the Human Body," **Presentation**, National Occupational Injury Research Symposium 2003, G3.4, p 111, Pittsburgh, PA, October 28-30, 2003.

Beard R.B., Pourrezaei K., Zeng S., Prout F., Kepics F.M., Park J., Rothwarf, A. Deliwala S., Schmukler R., "Detection of defects in protective barriers," **U.S. Patent** No. 6,204,669, issued in March 2001.

Zeng S., Powers J.R., Hsiao H., "A video-synchronized high-speed-EMG and metabolic data acquisition system," **Conference Paper**, Proceedings of IEA 2000/HFES 2000 Congress, p 5.124 - 5.127. Presented at 14th Triennial Congress of the International Ergonomics Association, San Diego, CA, August 2000.

Zeng S., Berardinelli S.P., "Acoustical method and system for measuring barrier membrane thickness and the correspondent area distribution using maximum transmission or maximum reflection coefficients," **U.S. Patent** No. 6,089,094, issued in July 2000.

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Zeng S., Powers J.R., Hsiao H., "A new video-synchronized multi-channel biomedical data acquisition system," **Paper (Communication)**, *IEEE Transactions on Biomedical Engineering*, Vol. 47 No. 3, March 2000, p 412-419.

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Research Interests: Human factors and Anthropometry

Honors:

2006 Alice Hamilton Award winner for Excellence in Occupational Safety and Health/Engineering and Physical Sciences Category/Anthropometric criteria for the design of tractor cabs and protection frames

2006 Bullard-Sherwood Award winner for Research2Practice knowledge Category/Harness Design and Sizing Effectiveness

Recent Publications:

Turner, N., Weaver, D., Whisler, R., Zwiener, J., and Wassell, J. Suspension tolerance in men and women wearing safety harnesses, American Industrial Hygiene Conference and Exposition, Chicago, IL, 2006.

Chiou S., Pan, C.S., Zwiener, J., Ronaghi, M. American Industrial Hygiene Conference & Expo (AIHCE), 49 {May 21-26} Anaheim, California. Fairfax, Va: American Industrial Hygiene Association, 2005.

Hsiao, H., J. Whitestone, B. Bradtmiller, R. Whisler, J. Zwiener, C. Lafferty, T. Kau, M. Gross 'Anthropometric criteria for the design of tractor cabs and protection frames,' Ergonomics 48 (4): 323-353, 2005.

Spahr, J., T. Kau, J. Zwiener, R. Whisler, H. Hsiao 'Relative Change of Hand Size Over Time; Implications for Glove-Size Schemes and Labeling for End-Users,' paper was presented in the NORA conference, 2003, Washington, DC and was published in the NORA abstract book.

Zwiener, J., C.S. Pan, S. Chiou, T. Kau, K. Mozingo 'Ergonomic Walkthrough Evaluation of a Pre-Manufactured Home-Fabrication Plant,' NIOSH 2003.

Pan, C.S., S. Chiou, D. Long, J. Zwiener and D. Cantis 'Assessment of Postural Instability during Drywall Handling,' Annual International Occupational Ergonomics and Safety Conference, Fairfax, Virginia, June 4-7, 2001 and was published in the proceedings of Advances in Occupational Ergonomics and Safety.

Pan, C.S., S. Chiou, D. Long, J. Zwiener and D. Cantis 'Kinematic analysis of drywall lifting,' paper was presented at the 15th Annual International Occupational Ergonomics and Safety Conference, Fairfax, Virginia, June 4-7, 2001 and was published in the proceedings of Advances in Occupational Ergonomics and Safety.

Long, D.J., C.S. Pan, S. Chiou, P. Skidmore, J. Zwiener 'Perceived Postural Sway and Discomfort During Simulated Drywall Lifting and Hanging Tasks' paper was presented in the NIOSH conference, 2000, Pittsburgh, PA and was published in the NIOSH abstract book.

Pan, C.S., S. Chiou, D. Long, J. Zwiener and P. Skidmore 'Postural Stability During Simulated Drywall Lifting and Hanging Tasks' paper was presented at IEA 2000/HFES 2000 Congress, July 30 - August 4, 2000, San Diego, California and was published in the Proceedings of the IEA 2000/HFES 2000 Congress.