

David L. Parker
Email: Parke065@umn.edu
Website: childlaborphotographs.com

Education:

1969 - Great Neck North Senior High, Great Neck, NY
1973 - University of New Mexico, Albuquerque, New Mexico, B.U.S.
1978 - University of New Mexico, Albuquerque, New Mexico, M.D.
1982 - University of Michigan, Ann Arbor, Michigan, M.P.H. in Occupational Epidemiology

Post-Doctoral Work and Training:

1978 - 1979: Intern in physical medicine, University of Washington, Seattle, WA

1978 - 1981: Family Practice, GMHA Tucson, AZ

1981: Emergency room physician, Lake Havasu City, AZ

1981 - 1983: Resident, occupational medicine, University of Michigan, Ann Arbor, MI

1983 - 1984: Post-doctoral fellow, occupational medicine, University of Michigan, Ann Arbor, MI

July 1984 - June 1986 Commissioned Officer, United States Public Health Service

Epidemic Intelligence Service, Centers for Disease Control, duty station - Minnesota Department of Health. Duties included investigation of acute environmental and chronic disease problems within Minnesota, as well as inquiries regarding infectious, environmental, and occupational health problems. In addition, time was spent answering physician inquiries concerning industrial problems and in consultation with Minnesota OSHA.

July 1986 - November 2001:

Founder of Center for Occupational Health and Safety, Division of Disease Prevention and Control, Minnesota Department of Health. Co-director, 1999-2001. Duties included grant development, occupational health surveillance, consultation with Minnesota OSHA, consultation with labor and industry on issues related to worker health and safety, and conducting intervention research.

September 1986 – present:

Physician, Occupational Medicine, Park Nicollet Clinic/HealthPartners Medical Group. Work included serving as the medical consultant for major corporations and government agencies including the Minneapolis Police Department, the Metropolitan Transit Commission, and numerous small enterprises. From 2002 to present work has included research on numerous federal grant initiatives. As of 2009 responsibilities are related to serving as a senior researcher and principal investigator.

September 1988 - Present:

Clinical assistant professor, University of Minnesota School of Public Health

September 1996 - Present

Member of the occupational medicine residency advisory board, HealthPartners Medical Group

August 1999 – January 2010:

Board member, The Advocates for Human Rights

April 2003 –2013:

Editorial Board, Public Health Reports

Editorial Board, Journal of Agro Medicine

January 2007 – Present

Member of the Manufacturing Sector Council for the National Occupational Research Agenda.

Professional Certification:

1979 - Arizona Board of Medical Examiners

1979 - New Mexico Board of Medical Examiners

1981 - Michigan Board of Medical Licensure

1986 - American Board of Preventive Medicine, Occupational Medicine

1986 - Minnesota Board of Medical Examiners (active)

Honors, Fellowships:

- University of New Mexico, General Honors Scholar, 1971, 1972.
- Magna cum laude, University of New Mexico, 1973.
- Grant Gratis Scholarship, University of New Mexico Medical School, 1974, 1976.
- Weatherhead Boarder Fellowship, University of Arizona, January-March, 1978. A three-month fellowship to study health care practices in northern Mexico.
- Clinical Assistant Professor, University of Minnesota School of Public Health, Division of Occupational and Environmental Health.
- McKnight photography grant, 1994
- Christopher Award, for literature affirming the highest values of the human spirit, 1998.
- Minnesota Advocates for Human Rights Volunteer Award for human rights work, 1998.
- Minnesota State Arts Board, Career Development Award, 1998
- Minnesota Book Award, non-fiction for children, *Stolen Dreams: Portraits of Working Children*, 1998.
- Park Nicollet Community Service Award, 1999.
- University of Minnesota, Department of Children, Youth, and Families, meritorious service award, 1999.
- Minnesota Advocates for Human Rights Volunteer Award for human rights work, 2001.
- Twin Cities International Citizen Award, September 2001.
- Minnesota Book Award, finalist, *By These Hands: Portraits from the Factory Floor*, 2003.
- Nominated as one of the Twin Cities Best Physicians, 2004.

- Minnesota State Arts Board, Artist Initiative Award, 2004
- Researcher of the year, Park Nicollet Institute, 2006
- National Intervention Evaluation Award, National Institute for Occupational Safety and Health (NIOSH), October 2008. Award for the best occupational health intervention evaluation study.
- American Library Association, outstanding books for young readers, winter 2009.
- National Child Labor Committee, Lewis Hine Award for Distinguished Service, 2014

Languages:

Spanish

Reports and manuscripts:

1. Parker D, Shultz J, Gertz L, Berkelman R, Remington P. The social and economic consequences of alcohol abuse in Minnesota. *Am J Pub Health* 1987;77:982-986.
2. Parker DL, Bender AP, Johnson R, Anderson WK. The Minnesota Highway Maintenance Worker Cohort Mortality Study - Part 1: Background and Noncancer Mortality. *Am J Ind Med* 1989;15:531-543.
3. Bender AP, Parker DL, Johnson R, Anderson WK. The Minnesota Highway Maintenance Worker Cohort Mortality Study - Part 2: Cancer Mortality. *Am J Ind Med* 1989;545-556.
4. Lussenhop D, Parker DL, Barklind A, McJilton C. Lead exposure in radiator repair workers. *Am J Pub Health* 1989;79:1558-1560.
5. Parker DL, Bender AP, Hankinson S, Aeppli D. Public health implications of the variability in the interpretation of radiographic changes of the pleura. *J Occup Med* 1989;31:775-780.
6. Malm L, Parker DL, Anderson D, Leppink J. Minnesota OSHA infectious agent requirements. *Minn Med* 1990;73:35-37.
7. Shultz JM, Rice DM, Parker DL. Years of potential life lost due to alcohol use in the United States. *Morb Mortal Wkly Rep*.
8. Kouris S, Parker DL, Bender AP, Williams AN. Pulmonary function and asbestos associated pleural changes. *Scand J Work Environ Health* 1991;17:179-183.
9. Parker DL, Waller K, Himrich B, et al. Pulmonary function and lead exposure in autobody repair workers. *Am J Pub Health* 1991;81:768-771.
10. Parker DL, Clay R, Gunderson P, Mandel J. Adolescent work injuries in Minnesota. *Minn Med* 1991;74:25-28.
11. Shultz, JM, Rice DP, Parker DL, Goodman RA. Quantifying the disease impact of alcohol use, misuse with ARDI software. *Public Health Rep* 1991;106:443-450.

12. Madery-Wygonik G, Brondum J, Parker DL. The Minnesota Fatal Accidents Circumstances and Epidemiology Program: Surveillance of Occupational Fatalities. *Minn Med* 1992;75:22-24.
13. Madery G, Parker DL. Fatalities attributed to entering manure pits. *Minnesota, 1992, Morb Mortal Wkly Rep* 1993;42:325-329.
14. Reynolds SJ, Parker DL, Vesley D, Smith D, Woellner R. Cross-sectional study of respiratory disease in turkey farmers. *Am J Ind Med* 1993;24:713-722.
15. Bender AP, Williams AN, Parker DL. Worker notification and beyond: Experiences of a state-sponsored notifications and screening program for asbestos workers. *Am J Ind Med* 1993;23:161-169.
16. Parker DL, Carl W (for Minnesota). Occupational burns among restaurant workers--Colorado and Minnesota. *Morb Mortal Wkly Rep* 1993;43:713-16.
17. Reynolds SJ, Parker DL, Vesley D, Janni, K, McJilton, C. Occupational exposure to organic dusts and gases in the turkey growing industry. *Appl Occup Environ Hyg* 1994;9:493-501.
18. Parker DL, Carl W, French LR, Martin F. Nature and incidence of self-reported work injury in Minnesota. *Am J Ind Med* 1994;26:529-541.
19. Parker DL, Carl W, French LR, Martin F. Nature and severity of adolescent work injury in Minnesota. *Am J Public Health* 1994;84:593-98.
20. Parker DL. Stolen Dreams: Portraits of working children. *Labor's Heritage*. Summer 1994;6:22-45 and covers.
21. Boyle D, Parker DL, Lexau C, Wahl G. Agricultural auger-related injuries and fatalities-Minnesota 1992-1994. *Morb Mortal Wkly Rep* 1995;36:657-660.
22. Parker DL. Photographic essay on child labor. *Int J Occup Environ Health*. 1995;1:cover and pages 363-365.
23. Wahl G, Parker DL, Folken S, Boyle D. Suffocations in grain bins-Minnesota, 1992-1995. *Morb Mortal Wkly Rep* 1996;45:837-841.
24. Parker DL. Child labor: The impact of economic exploitation on the health & welfare of children. *Minn Med* 1997;80:10-13, 52-55 and cover.
25. Brown M, Wahl G, Parker DL. Five years of Work-related fatality surveillance in Minnesota. *Minn Med* 1997;80:29-32
26. Wahl G, Parker DL. Fatalities associated with large round hay bales-Minnesota, 1994-1996. *Morb Mortal Wkly Rep* 1998;47:27-30.
27. Parker DL, Misegades L. Human rights in the United States: Illusions and realities. *Minn Med* 1999;82:42-44.
28. Parker DL, Wahl GL. Childhood work-related agricultural fatalities - Minnesota, 1994- 1997. *Morb Mortal Wkly Rep* 1999;48:332-335.

29. Boyle D, Parker DL, Larson C, Pessoa-Brandao L. Nature, incidence and cause of work-related amputations in Minnesota. *Am J Ind Med* 2000;37:551-557.
30. Boyle D, Parker DL, Larson C, Pessoa-Brandao L. Medical, personal and occupational outcomes for work-related amputations in Minnesota. *Am J Ind Med* 2000;37:542-550.
31. Parker DL, Misegades L. Human rights in the United States: Illusions and realities. *Minn Med* 1999;82:42-45.
32. Brosseau L, Parker DL, Lazovich D, Dugan S. Designing intervention effectiveness studies for occupational health and safety: The Minnesota Wood Dust Study. *Am J Ind Med* 2002;41:54-61.
33. Brosseau LM, Parker DL, Lazovich D, Dugan S, Milton T, Pan W. Inhalable dust exposures, tasks, and use of ventilation in small woodworking shops: A pilot study. *Am Ind Hyg Assoc J* 2001;62:322-329.
34. Lazovich K, Murray D, Brosseau L, Parker DL, Milton T, Dugan S. Sample Size Considerations for studies of intervention efficacy in the occupational setting. *Annal Occup Hyg* 2002;46:219-227.
35. Lazovich D, Parker DL, Brosseau LM, Milton FT, Dugan SK, Pan W, Hock L. Effectiveness of a worksite intervention to reduce an occupational exposure: The Minnesota Wood Dust Study. *Am J Public Health* 2002;92:1498-1505.
36. Parker DL. Children and war. *Public Health Reports* 2000;115:320-325.
37. Parker DL. Sierra Leone's children of war. *Minn Med* 2001;84:28-34.
38. Parker DL, Bachman S. Economic exploitation and the health of children: Towards a public health model. *Health and Human Rights: An International Journal* 2002;5:93-119.
39. Parker DL, Merchant D, Munshi K. Adolescent work practices in rural Minnesota - Part I: Hours of work and injury incidence. *Am J Ind Med* 2002;42:134-141.
40. Munshi K, Parker DL, Bannerman-Thomson H. Adolescent work practices in rural Minnesota - Part II: Nature and outcome of work-related injury. *Am J Ind Med* 2002;42:142-149.
41. McGrail MP, Calasanz M, Christianson J, Cortez C, Dowd B, Gorman R, Lohman WH, Parker DL, Radosovich DM, Westman G. The Minnesota health partnership and coordinated health care and disability prevention: The implementation of an integrated benefits and care model. *J Occup Rehabilitation* 2002;12:43-54.
42. Radosovich DM, McGrail MP, Lohman WH, Gorman R, Parker DL, Calasanz M. Relationship of disability prevention to patient health status and satisfaction with primary care provider. *J Occup Environ Med* 2001;43:706-712.
43. Parker DL. Street children and child labor around the world. *The Lancet* 2002;360:2067-2071.

44. Munshi K, Parker DL, Samant Y, Brosseau L, Pan W. Machine safety evaluation in small metal working facilities: An evaluation of inter-rater reliability in the quantification of machine-related hazards. *Am J Ind Med* 2005 Nov;48:381-8.
45. Ide L, Parker DL. Hazardous child labor: Lead and neurocognitive development. *Public Health Reports* 2005;120:607-612.
46. Parker DL, Overby M. A discussion of hazardous child labor. *Public Health Reports* 2005;120:586-589.
47. Leinberger A, Parker DL, Oberg C. Child labor and the impact of education health. *Public Health Reports* 2005;120:642-648.
48. Samant Y, Parker DL, Brosseau LM, Pan W, Xi M. Profile of machine safety in small metal fabrication businesses. *Am J Ind Med.* 2006 May;49(5):352-9.
49. Parker DL, Samant Y, Brosseau LM, Pan W, Xi M. A comparison of the perceptions and beliefs of workers and owners with regard to workplace safety in small metal fabrication businesses. *Am J Ind Med.* 2007 Dec;50(12):999-1009.
50. Samant Y, Lanjewar H, Parker DL, Stein B, Tomar G. Evaluation of Cold Chain for Oral Polio Vaccine in a Rural District of India. *Public Health Rep.* 2007 Jan-Feb;122(1):112-21.
51. Samant Y, Lanjewar H, Parker L, Block D, Stein B, Tomar G. Relationship between vaccine vial monitors and cold chain infrastructure in a rural district of India. *Rural Remote Health.* 2007 Jan-Mar;7(1):617. Epub 2007 Feb 9.
52. Samant Y, Mankeshwar R, Sankhe L, Parker DL. HIV-related knowledge and attitudes among first year medical students in Mumbai, India. *International Electronic Journal of Health Education.* 2006;9:13-24.
53. Samant Y, Parker DL, Brosseau L, Pan W, Xi M, Haugan D, Williams Q. A comparative study of organizational characteristics of small metal fabricating businesses in Minnesota. *IJOEH Vol. 13, No. 2. April-June, 2007.*
54. Brosseau LM, Parker D, Samant Y, Pan W. Mapping safety interventions in metalworking shops. *J Occup Environ Med.* 2007 Mar;49(3):338-45.
55. Samant Y, Parker D, Wergeland E, Wannag A. The Norwegian Labour Inspectorate's Registry for Work-Related Diseases: data from 2006. *Int J Occup Environ Health.* 2008 Oct-Dec;14(4):272-9.
56. Bennett BH, Parker DL, Robson M. Leprosy: steps along the journey of eradication. *Public Health Rep.* 2008 Mar-Apr;123(2):198-20.
57. Parker DL. Leprosy: a photographic essay. *Public Health Rep.* 2008 Mar-Apr;123(2):225-33.
58. Parker DL, Brosseau LM, Samant Y, Xi M, Pan W. A randomized controlled intervention of machine guarding and related safety programs in metal-fabrication businesses. *Public Health Rep.* 2009;124 (sup):90-100.
59. Gunn S, Parker DL, Miller ME. Psychosocial implications of child labor. In *Child Labor: A Public Health Model.* Parker DL, Scanlon T, Fassa A (eds). Oxford University Press. 2010.

60. Parker DL, Fassa A, Scanlon TJ. Health and Child Labor: Understanding the Health Effects of Child Labour. *In Child Labor: A Public Health Model*. Parker DL, Scanlon T, Fassa A (eds). Oxford University Press. 2010.
61. Ayub R, Parker DL. Hazardous Child Labour: A Case Study of Silicosis and Silicotuberculosis. *In Child Labor: A Public Health Model*. Parker DL, Scanlon T, Fassa A (eds). Oxford University Press. 2010.
62. Parker DL, Ide L. Hazardous Labour: A Case Study of Lead. *In Child Labor: A Public Health Model*. Parker DL, Scanlon T, Fassa A (eds). Oxford University Press. 2010.
63. Bejan A, Brosseau LM, Parker DL. Exposure assessment in auto collision repair shops. *J Occup Environ Hyg*. 2011 Jul;8(7):401-8.
64. Samant Y, Parker DL, Wergeland E, Westin S. Work-related upper-extremity amputations in Norway. *Am J Ind Med*. 2012 Mar;55(3):241-9.
65. Parker DL, Bejan A, Brosseau LM. A Qualitative Evaluation of Owner and Worker Health and Safety Beliefs in Auto Collision Repair Shops. *Am J Ind Med*. 2013 May;55(5):474-82.
66. Yamin S, Parker DL, Brosseau LM. Development of the National Machine Guarding Program: A National Intervention in Small Enterprises. Accepted for publication, January 2104, *Journal of Safety Research*.
67. Parker DL, Bejan A, Brosseau LM, Xi M. Understanding safety climate in small automobile collision shops. *Am J Ind Med*. 2014 Jan;57(1):78-86.
68. Bejan A, Parker DL, Brosseau LM, Xi M, Skan M. A Comparison of Owner and Expert Evaluation of Health and Safety in Small Collision Repair Shops: A Pilot Study. *Intl J Occup Environ Hyg*. 2013 Oct-Dec. 19(4):363-369..
69. Brosseau LM, Bejan A, Parker DL, Xi M, Skan M. Workplace Safety Programs, Practices and Conditions in Auto Collision Repair Businesses. *J Occup Environ Hyg*. 2014. 11(6):3354-65.
70. Parker DL, Bejan A, Skan ME, Brosseau LM, Xi M. Collision Auto Repair Safety Study (CARSS): A randomized intervention. *Am J Ind Med*. 2015 Jan;58(1):88-100.
71. Bejan A, Parker DL, Skan ME, Brosseau LM, XI M. Two-year follow-up of the Collision Auto Repair Safety Study (CARSS). *Ann Occup Hyg*. 2015 Jun;59(5):534-46
72. Parker DL, Yamin SC, Brosseau LM, Xi M, Gordon R, Most IG, Stanley R. National Machine Guarding Program: Part 1. Machine safeguarding practices in small metal fabrication businesses. *Am J Ind Med*. 2015 Nov;58(11):1174-83.
73. Parker DL, Yamin SC, Brosseau LM, Xi M, Gordon R, Most IG, Stanley R. National Machine Guarding Program: Part 2. Safety management in small metal fabrication enterprises. *Am J Ind Med*. 2015 Nov;58(11):1184-93.

74. Parker DL, Yamin SC, Xi M, Brosseau LM, Gordon R, Most IG, Stanley R. Findings From the National Machine Guarding Program: A Small Business Intervention: Lockout/Tagout. *J Occup Environ Med.* 2016 Jan;58(1):61-8.
75. Parker DL, Yamin SC, Xi M, Brosseau LM, Gordon R, Most IG, Stanley R. Findings From the National Machine Guarding Program: A Small Business Intervention – Machine Safety. *J Occup Environ Med.* 2016 Sep;58(9):885-91.
76. Yamin SC, Bejan A, Parker DL, Xi M, Brosseau LM. Analysis of workers' compensation claims data for machine-related injuries in metal fabrication businesses. *Am J Ind Med.* 2016;59:656-664.
77. Yamin SC, Parker DL, Xi M, Stanley R. Self-audit of lockout/tagout in manufacturing workplaces: A pilot study. *Am J Ind Med.* 2017;60(5):504-509.
78. Parker DL, Yamin SC, Xi M. National Machine Guarding Program – Safety climate in small enterprises. *J Occup Environ Med.* 2017 Dec;59(12):1172-1179.
79. Bejan A, Parker DL, Skan M, Xi M. Health and Safety Education in Auto Body Collision and Machine Tool Technology Programs in Vocational Colleges: Challenges and Opportunities. *Ann Occup Hyg.* –in review (Submitted Dec 15, 2017).

Presented Abstracts – Oral Presentations – Conference Proceedings (partial listing)

1. Malnutrition and Infant Neurologic Development. Presented to I.M.S.S., Guaymas, Mexico, 1978.
2. Parker D, Barone M, Heath S, Wade D. TDI: A Cross-Sectional Study of Isocyanate Exposure in a Foam Manufacturing Plant. Michigan Department of Health, October 1982.
3. Parker D, Shultz J, Gerz L. Review and Cost of Alcohol Abuse in Minnesota. Minnesota Department of Health, July 1985.
4. Parker D, Fine L, Rhodes R. A Retrospective Analysis of Deaths in a Transmission Manufacturing Facility. Final Report to General Motors--United Auto Workers Health Advisory Group, August 1985.
5. Bender A, Hankinson S, Parker D. Report on Asbestos in Northern Minnesota. Minnesota Department of Health, August 1985.
6. Parker DL, Bender AP, Johnson RA, et al. A Retrospective Cohort Study of Highway Maintenance Workers. Minnesota Department of Health. April 1986.
7. Parker D, Shultz J, Gertz L. The social and economic consequences of alcohol abuse. Presented, Epidemic Intelligence Service Conference, Centers for Disease Control, April 1986.
8. Parker DL, Lussenhop D. Lead exposure in radiator repair workers. Presented, American Occupational Medical Association, April 1988.
9. Parker DL, Bender AP, Hankinson S, Williams AN. Variability in the interpretation of radiographs of the pneumoconioses. Presented, Epidemic Intelligence Service Conference, Centers for Disease Control, April 1986 and the American Occupational Medical Association, April 1988.

10. Parker DL, Bender AP, Johnson RA, et al. The Minnesota highway maintenance worker cohort mortality study. Presented, American Occupational Medical Association, April 1988.
11. Parker DL, Bender AP, Barklind A. Public Health Implications of the Variability in the Interpretation of Radiographic Changes of the Pleura. Presented August 1988, VII International Conference on the Pneumoconioses.
12. Shultz JM, Parker DL, Rice DM. Alcohol related disease impact software (ARDI). Centers for Parker DL, Bender AP, Rosenwinkel K. Health and safety of Minnesota highway maintenance workers: Follow-up report. Minnesota Department of Health. February 1990. Disease Control November 1989.
13. Reynolds SJ, Parker DL, Vesley D. Respiratory disease in turkey farmers: A cross-sectional epidemiological and environmental study. American Industrial Hygiene Conference, May 1991.
14. Parker DL, Bender AP, Johnson RA. Minnesota highway maintenance worker cohort mortality study; Noncancer mortality. National Conference on State-Based Occupational Safety and Health Himerich BL, Parker DL. A cross-sectional industrial hygiene survey of autobody repair shops. Presented at the American Industrial Hygiene Conference, June 1992. Activities, September 1991.
15. Carl W, Parker DL. Self-reported work injury experience of Minnesota high school students. Ninth International Symposium on Epidemiology in Occupational Health. September 1992.
16. Parker DL, Bender AP. Minnesota highway maintenance worker studies: Final report. Minnesota Department of Health, April 1993.
17. Parker DL, Carl W. Adolescent work-related burn injury. Presented at the Second International Injury Conference, May 1993.
18. Bejan A, Parker DL, Brosseau LM, Skan M, Xi M. Working Successfully with Small Business Owners: Results and Lessons from the Collision Auto Repair Safety Study (CARSS). USE 2017 Conference Proceedings. NIOSH – Denver, CO. October 2017.
19. Bejan A, Parker DL, Skan M, Xi M. Are vocational college instructors effective at teaching health and safety? Results from the TECHS study 2015-2016. Podium presentation at 2017 AIHce, Seattle, WA. June 2017.
20. Bejan A, Parker DL, Skan M, Xi M. Vocational colleges - unique opportunities to enhance safety and health in small businesses. Findings from the Technical Education Curricula for Health and Safety (TECHS) study. USE 2017 Conference Proceedings. NIOSH – Denver, CO. October 2017.

Books:

1. Parker DL with Engfer L and Conrow R. *Stolen Dreams: Portraits of Working Children*. Lerner Publications, Minneapolis, MN. 1998.
2. Parker DL. *By These Hands: Portraits From the Factor Floor*. Minnesota Historical Society Press, Minneapolis, MN. 2002.
3. Parker DL. *Before Their Time: The World of Child Labor*. Quantuck Lane Press, New York, NY. 2007.
4. Parker DL, Scanlon T, Fassa A (eds). *Child Labour; A Public Health Perspective*. Oxford University Press. 2010.

Active grants:

- R01OH008745: Randomized intervention in the auto collision repair industry (\$2,100,000). Fully funded , August 1, 2007.
- 2R01OH003884-07: Machine guarding: Translation to Practice: 5-years: \$2.2 million. August 1, 2010 – July 31, 2017.
- R01: Bridging the Gap: Improving Safety and Health Education in Technical Colleges. Submission to NIOSH on October 28, 2013. Request for \$1,500,000. David L. Parker, MD to serve as Principal Investigator. Fully funded, September 1, 2014

Completed grants:

- Minnesota Highway Maintenance Cohort Mortality Study (\$90,000). National Institute for Occupational Safety and Health, Special Emphasis Research Career Award. Awarded: 1986-1988.
- Autobody Worker Health Study (\$12,500). Park Nicollet Medical Foundation. Awarded: 1987.
- Economic Impact of Alcohol Abuse (\$80,000). Centers for Disease Control. James Shultz, Ph.D., Principal Investigator. Awarded: 1987.
- U01: Fatality Assessment and Control Evaluation (FACE) (\$800,000). National Institute for Occupational Safety and Health. Awarded: 1990-2001 (with competitive renewal through 2006).
- U01: Sentinel Event Notification System for Occupational Risks (SENSOR) (\$550,000). National Institute for Occupational Safety and Health. Awarded: 1992-2000 (with renewal).
- U01: Community Partners in Healthy Farming (\$380,000). National Institute for Occupational Safety and Health. Awarded: 1998-2000.
- R01OH003408: Wood Dust Intervention for Small Business. (\$750,000). National Institute for Occupational Safety and Health. Awarded: 1996-2000.
- R01: Work Smart - Work Safe: Adolescent Worker Health and Safety. (\$650,000). National Institute for Occupational Safety and Health. Awarded: 1998-2001.
- U01: Surveillance of Serious Work-Related Traumatic Injury in Minnesota. (\$650,000). National Institute for Occupational Safety and Health. Awarded: 1999-2001.
- R21: Work Smart - Work Safe: Adolescent Worker Health and Safety - group randomized intervention trial (\$750,000). National Institute for Occupational Safety and Health. Awarded: October 1, 2000.

- U01OH007304-01: Midwest Information System for Trauma Evaluation & Assessment (\$1,000,000). National Institute for Occupational Safety and Health. Awarded April 2001.
- R01OH003884: Machine Guarding Intervention Study in the Metal Working Industry (\$1,500,000). National Institute for Occupational Safety and Health. October 2003 through September 2008.
- U01: Randomized intervention of activity and diet in the treatment of rheumatoid and osteoarthritis (\$900,000). Centers for Disease Control and Prevention. October 2003 through September 2006. Co-Principal Investigator.

