

Updated October 31, 2005

Curriculum Vitae

Robert H. McKnight, MPH, ScD

**Associate Professor, with tenure, Regular Title Series
Department of Preventive Medicine and Environmental Health
University of Kentucky College of Public Health**

Education:

Harvard University, Cambridge, Massachusetts
Graduate School of Education:

Management Development Program in Higher Education
Certificate, summer 2000

Johns Hopkins University, Baltimore, Maryland
School of Hygiene and Public Health:

Doctor of Science, 1984;
Master of Public Health, 1980

University of Alabama at Birmingham:

Master of Science in Nursing, 1975;
Bachelor of Science in Nursing, 1974

***Current
Appointments:***

Note: In May 2004, the Department of Preventive Medicine and Environmental Health and its faculty moved from the College of Medicine to the new College of Public Health

University of Kentucky, Department of Preventive Medicine and
Environmental Health, since 1990

Associate Professor (with tenure), 1996 - present
Assistant Professor, 1990 - 1996

Joint Appointments:

Department of Health Behavior, College of Public Health, 2004 - present
Department of Epidemiology, College of Public Health, 2004 - present
Department of Family and Community Medicine, College of Medicine,
2004 - present

Director, Southeast Center for Agricultural Health and Injury Prevention,
1992 - present

Past

Appointments: Director, HRSA-funded Kentucky Farmworker Health Primary Care Program in Department of Preventive Medicine, 1997 - 2001

University of Alaska-Anchorage, College of Nursing and Health Sciences, Assistant Professor, 1984 - 1990
Interim Director, School of Health Sciences, University of Alaska-Anchorage, 1987 - 1988

University of Alabama-Birmingham, School of Nursing, Assistant Professor, 1977 - 1979
Instructor, 1975 - 1977

University of Alabama Hospital, Birmingham, Alabama
Critical Care Nurse, 1973 - 1974

Military: Captain (O-3), US Army Reserve, 1984th US Army Hospital, Ft. Richardson, Alaska (1989-90)

Honors & Awards: University of Kentucky Wethington Award for Excellence in Research Funding Productivity (May 2004)

Designated one of the College of Medicine's "Research Champions" in 1997 for success in extramural funding (ranked 14th among all faculty)

Recent Professional Development:

Responding to Conflict: Strategies for Improved Communication
AMA Workshop, San Diego, CA, August 2002

Strategic Planning
AMA Workshop, Scottsdale, AZ, March 2000

Chairing the Academic Department
American Council on Education, February 2000

Leadership Development Course
Center for Creative Leadership, Colorado Springs, CO, September/October 1998
(6-day certificate program)

The New England Epidemiology Institute
Tufts University, Medford, MA, June 1988
(5-day certificate program)

Executive Leadership Development for Medical Professionals
University of Kentucky College of Business and Economics, February 1998
(5-day certificate program)

The Looking Glass Personal Development Course
Center for Creative Leadership, Greensboro, NC, August 1997
(5-day certificate program)

Current Annual Extramural Funding as Principal Investigator:

\$1,383,490 for FY 06 for six active projects

\$6,162,486 for entire life of these six active projects

1. PI: Robert McKnight, MPH, ScD
Title: ***Cooperative Agreement Program for Centers for Agricultural Research, Education, and Disease and Injury Prevention***, Award #1 U50 OH07547
Agency: National Institute for Occupational Safety and Health (NIOSH)/Centers for Disease Control and Prevention
Funding: \$878,080 in FY2006 (\$3,956,845 total for five years)
Length: September 29, 2001 to September 28, 2006 (3rd cycle)
Description: Provides core funding for the Southeast Center for Agricultural Health and Injury Prevention. Funds five research, prevention and education projects.

2. PI: Robert McKnight, MPH, ScD
Title: ***Coalitions to Improve Health Access by Hispanics in Rural Kentucky and Tennessee***
Agency: United States Department of Agriculture (USDA), Fund for Rural America
Funding: \$138,356 in FY 2006 (\$538,373 total for five years)
Length: September 15, 2001 to September 30, 2006
Description: Provides improved healthcare access for Spanish-speaking immigrants by building coalitions from local resources in two rural Kentucky counties and two rural Tennessee counties.

3. PI: Robert McKnight, MPH, ScD
Title: ***Kentucky Migrant Vocational Rehabilitation Outreach***
Agency: Kentucky Dept. of Vocational Education, via U.S. Dept. of Education/Rehabilitation Services Administration
Funding: \$169,022 in FY 2006 (\$818,510 total for five years)
Length: October 1, 2000 to December 31, 2005
Description: Provides outreach and coordination to link migrant farmworkers with vocational rehabilitation services

4. PI: Robert McKnight, MPH, ScD
Title: ***Tractor Safety R-25 for Social Marketing and Cost Analysis***
Agency: CDC/NIOSH Award # 1 R25 OH008542-01 via Subcontract from Colorado State University
Funding: \$65,632 in FY 2006 (\$127,003 total for two years)
Length: September 1, 2005 to August 31, 2007
Description: Supports two new projects that support the National Agricultural Tractor Safety Initiative: 1) social marketing; 2) cost analysis

5. PI: Robert McKnight, MPH, ScD
Title: ***Hispanic Outreach for the Kentucky Children's Health Insurance Program***
Agency: Kentucky Dept. for Medicaid Services
Funding: \$60,000 in FY 2006 (\$649,355 across eight years)
Length: November 1, 1999 to June 1, 2006
Description: Provides outreach and referral targeted to Spanish-speaking Kentuckians to enroll their children in the Children's Health Insurance Program (CHIP)

6. PI: Robert McKnight, MPH, ScD
Title: ***Supplement to Southeast Center for Agricultural Health and Injury Prevention***
Agency: CDC/NIOSH
Funding: \$72,400 in FY 2006 (one year only)
Length: September 30, 2005 to September 29, 2006
Description: Expands the Center's "Research to Practice" focus by developing an initiative on farm tractor safety for high school students

Applications Under Review:

1. Agricultural Safety and Health Training for Public Health Graduate Students

(PAR-05-126), submitted to NIOSH in August 2005.
Principal Investigator: Robert McKnight, MPH, ScD
Funds Requested: \$1,084,041 across five years

This five-year curriculum project will expand the current Health of Agricultural Populations curriculum grant into a NIOSH Training Project Grant. It will provide scholarships and stipends to MPH, PhD and DrPH students who focus in agricultural health and injury issues.

2. Worksite Integration for Safety and Health

Submitted September 2005, in response to NIOSH RFA OH-05-006 on Centers for Excellence to Promote a Healthier Workforce
Role = Deputy Principal Investigator (P.I.: Richard Clayton, PhD)
Funds Requested: \$5,723,836 across five years

This project will create a new trans-disciplinary Center at the University of Kentucky to facilitate the integration of occupational health and health education at the worksite.

Application Recently Submitted but not Funded:

College Assistance Migrant Program

Submitted March 14, 2005 to U.S. Department of Education, Office of Migrant Education
Role: Principal Investigator
Funds Requested: Approx. \$467,000 across five years

This project would have created a scholarship program at the University of Kentucky and Lexington Community College for 25 dependents of migrant or seasonal farmworkers.

Application Being Prepared:

Centers for Agricultural Health, Injury Prevention and Education

CDC/NIOSH - 4th five-year cycle for the Southeast Center for Agricultural Health and Injury Prevention

To be submitted early 2006.

Funds requested: approximately \$900,000 each year for five years

Previous Grants and Contracts (completed):

Total funds received for these completed projects: \$10,015,588

PI: Robert McKnight, MPH, ScD
Title: **Kentucky Farmworker Health Program**
Source: DHHS/HRSA
Years: January 1, 1998 to June 30, 2001
Amount: \$1,038,087 (across four years)
Description: Four-year clinical services program for primary medical, dental, and pharmacy service for migrant and seasonal farmworkers

PI: Robert McKnight, MPH, ScD
Title: **Texas Initiatives for Women's & Children's Health and Safety on Farms**
Source: University of Texas Health Sciences Center at Tyler
Years: October 1, 1999 to September 30, 2000
Amount: \$15,000
Description: Consultation to assist a project at the Southwest Center for Agricultural Health, Injury Prevention and Education

PI: Robert McKnight, MPH, ScD
Title: **Farm Family Health and Hazard Surveillance Project**
Source: CDC/NIOSH
Years: September 28, 1990 to September 27, 1998
Amount: \$2,844,585
Description: Surveillance of agricultural injuries in a sample of 4,000 Kentucky farm residents

PI: Robert McKnight, MPH, ScD
Title: **Empowering Farm Women to Reduce Hazards to Family Health and Safety on the Farm**
Source: W.K. Kellogg Foundation
Years: September 1, 1992 to December 31, 1997
Amount: \$552,259 (across five years)
Description: Developed the Kentucky Partnership for Farm Family Safety and Health, a grassroots community coalition of farm women in Bowling Green, Kentucky, which addresses prevention, first-aid, and advocacy for safe and healthy farms. This organization is now a nonprofit agency.

PI: Robert McKnight, MPH, ScD
Title: **Dissemination Phase of Empowering Farm Women to Reduce Hazards to Family Health and Safety on the Farm**
Source: W.K. Kellogg Foundation
Years: June 1, 1996 to May 31, 2000
Amount: \$50,000
Description: Dissemination of lessons learned in a five-year farm health/safety demonstration project in Kentucky via publication

PI: Robert McKnight, MPH, ScD
Title: **Southeast Center for Agricultural Health and Injury Prevention (2nd five-year cycle)**
Source: CDC/NIOSH
Years: September 30, 1997 to September 29, 2002
Amount: \$3,228,494
Description: Multi-project center to advance research, education and practice for occupational safety and health in agriculture

PI: Robert McKnight, MPH, ScD
Title: **Southeast Center for Agricultural Health and Injury Prevention (1st five-year cycle)**
Source: CDC/NIOSH
Years: September 30, 1992 to September 29, 1997
Amount: \$2,244,883
Description: Multi-project center to advance research, education and practice for occupational safety and health in agriculture

PI: Robert McKnight, MPH, ScD
Title: **Training Module for Agricultural Health and Safety**
Source: CDC/NIOSH
Years: July 29, 1993 to June 30, 1994
Amount: \$17,280
Description: Produce agricultural health curriculum materials

PI: Robert McKnight, MPH, ScD
Title: **Migrant Farmworker Supplement**
Source: Lexington Fayette County (KY) Health Department
Years: April 1, 2000 to March 31, 2001
Amount: \$25,000
Description: Funds to pay for dental, pharmacy, and primary care medical of migrant and seasonal farmworkers

Summary of Extramural Funding History as Principal Investigator:

\$1,383,490 FY 06 funds for six active budgets
\$4,778,996 previous years' funding for the six active grants in the line above
\$10,015,588 from completed grants
\$16,178,074 total extramural funds awarded since appointment to University of Kentucky

Proposals Submitted as Principal Investigator, but not Funded:

- 2005 **Kentucky College Assistant Migrant Program**
 Submitted to U.S. Department of Education
 \$467,000 requested across five years
 To be resubmitted in March 2006
- 2000 **Kentucky Farmworker Health Program (2nd three-year cycle)**
 Submitted to DHHS/HRSA
- 1995 **Surveillance of Occupational Pesticide Poisoning**
 Submitted to NIH
- 1991 **Attitudes and Beliefs that Influence Use of ROPS on Farm Tractors**
 Submitted to Equipment Manufacturers' Institute
- 1990 **Urgent Psychosocial Care After Rural Pediatric Injury**
 Submitted to National Institute of Mental Health
- 1990 **Primary Prevention of Head Injuries**
 Submitted to University of Alabama – Birmingham

Publications:

- McKnight, R.H.**, Teaster P., Watkins J., Lawrence S. Occupational choice and vulnerability in late life: An example of women in the U.S. *International Congress Series, 2005*, 1280:106-11.
- McKnight, R.H.**, Spiller, H. Green Tobacco Sickness in Children and Adolescents, *Public Health Reports*, 2005, 120:602-605.
- Byrden, P., **McKnight, R.H.**, Weastneat, S. Using U.S. Poison Control Center Records to Identify Bystander Pesticide Exposures. *Journal of Agricultural Safety and Health (JASH)*, 2005, 11(2):159-166.
- Frank, A.L., **McKnight, R.**, Kirkhorn, S., Gunderson, P. Issues of agricultural safety and health. *Annual Review of Public Health 2004* 25:225-45. Annual Reviews Inc.
- McKnight R.**, Spiller H., Westneat, S. & Hopenhayn C. Multi-center electronic data sharing: A 5-state pilot study. *Journal of Toxicology – Clinical Toxicology*, 2002; 40(5): 601.
- Bryden, P., **McKnight R.**, Spiller H. Pediatric nicotine exposures from ingestion of spittoon contents. *Journal of Toxicology – Clinical Toxicology*, 2001; 39(5): 524.
- Kidd P., Townley K., Cole H., **McKnight R.**, and Piercy L. The process of chore teaching: Implications for farm youth injury. In J.G. Sebastian & A. Bushy (Eds), *Special Populations in the Community: Advances in Reducing Health Disparities* (Chapter 10, pp. 149-160). Gaithersburg, MD: Aspen Publishers, Inc., 1999.

Publications (continued):

- Browning S.R., Westneat S.C., Truszczynska H., Reed D.B., **McKnight R.H.** Farm tractor safety in Kentucky, 1995. *Public Health Reports*, Jan/Feb 1999; 114: 53-59.
- Jones M.S., Luchok K.J., **McKnight R.H.** Empowering farm women to reduce hazards to family health and safety on the farm. *Journal of Agromedicine*, 1998, 5(2): 91-98.
- Browning S.R., Truszczynska H., Reed D.B., **McKnight R.H.** Agricultural injuries among older Kentucky farmers: The Farm Family Health and Hazard Surveillance Study. *American Journal of Industrial Medicine*, 1998; 33: 341-353.
- Kidd P., Townley K., Cole H., **McKnight R.**, and Piercy L. The process of chore teaching: Implications for farm youth injury. *Family and Community Health*, 1997, 19(4): 78-89.
- McKnight R.**, Kryscio R., & Koetke C. Temporal clustering of a unique pediatric poisoning: ingestion of tobacco spit from household spittoons. *American Journal of Epidemiology* (Supplement), 1997; 145(11): S75.
- 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. Use of rollover protective structures – Iowa, Kentucky, New York, and Ohio, 1992-1997. *MMWR*, September 12, 1997, 46(36): 842-845. Reprinted in *JAMA*, October 8, 1997; 278(14): 1144-1145.
- McKnight R.H.**, Dawson S.K., Westneat S.C. Delay among the general public in telephoning a poison center. *Veterinary and Human Toxicology*, 1996; 38(2): 92-95.
- McKnight R.H.**, Dawson S.K., Westneat S.C. Seat belt use in Kentucky: A comparison of five measures. *Journal of the Kentucky Medical Association*, 1996; 94: 110-114.
- McKnight R.H.**, Kryscio R.J., Mays J.R., & Rodgers G.C. Jr. Spatial and temporal clustering of an occupational poisoning: The example of Green Tobacco Sickness. *Statistics in Medicine*, 1996, 15: 747-757.
- McKnight R.H.**, Koetke C.A., Donnelly C. Familial clusters of green tobacco sickness. *Journal of Agromedicine*, 1996; 3(2): 51-59.
- McKnight R.H.**, Donnelly C., Cole H.P., Ross I.J., Piercy L.R. Collaborating with a medical school to assess health and safety content in an agricultural engineering curriculum. *Journal of Engineering Education*, 1996; 85(4): 339-341.
- McKnight R.H.**, Piercy L.R., Townley K.F., Kidd P.S., Cole H.P. Parents' concern for children's farm safety. *Texas Journal of Rural Health*, 1995; 14: 10-19.
- McKnight R.H.**, Koetke C.A., Mays J.R. Smokeless tobacco use among adults in Kentucky. *Journal of Kentucky Medical Association*. 1995; 93: 459-464
- McKnight R.H.**, Struttman T.W. & Mays, J.R. Finding homes without smoke detectors: One step in planning prevention programs. *Journal of Burn Care & Rehabilitation*, 1995, 16: 548-556.
- McKnight R.H.**, Prather T.G., Jones P.H., McLymore R.L., Hetzel G.H. Educational resources for agricultural health and safety: Products of NIOSH-funded efforts in four Southeastern states. *Journal of Agromedicine*. 1995; 2(2): 79-95.

Publications (continued):

McKnight R.H., Rodgers G.C., Jr. Occupational tobacco dermatitis reported to a regional poison center. *Contact Dermatitis*, 1995; 32: 122.

Townley K.F., **McKnight R.H.** Developmentally inappropriate play areas in rural day care: Is it safe to play outdoors? *Pediatrics*, 1994; 94 (Suppl. Part 2): 1150.

Reed D.B., **McKnight R.H.**, Horstman S.W. Farming after an amputation: Rehabilitation, adaptation, and unmet needs. *Annals of Agricultural & Environmental Medicine*, 1994; 1 (2): 228.

Ross M.P., Revolinski D., Taurman L., Rodgers G.C. Jr., **McKnight R.H.** & Levine E.J. Detection of a pediatric occupational poisoning in Kentucky. *Veterinary & Human Toxicology*, 1994, 36(4): 360.

McKnight R.H., Levine E.J., Rodgers G.C., Jr. Detection of green tobacco sickness by a regional poison center. *Veterinary and Human Toxicology*. 1994; 36(6): 505-510.

Struttman T.W., Pollack S.H., Spurlock C. Browning S.R., **McKnight R.H.** Farm tractor-related fatalities – Kentucky, 1994. *MMWR*, 1995; 44(26): 481-484.

McKnight R.H. & Hetzel G.H. Trends in farm machinery fatalities. *Agricultural Engineering*, 1985, 55(5): 15-17.

Abstracts Published in Conference Proceedings:

Bryden, P., **McKnight, R.**, & Westneat, S. Poison center surveillance of bystander pesticide exposures. In Abstracts, 5th International Symposium on the Future of Rural Peoples, Saskatoon, Canada, October 19-23, 2003; p. T-40.

McKnight R.H. Curriculum development for agricultural occupational health: The Kentucky experience. In: Abstracts, 6th International Conference Scientific Committee on Education and Training in Occupational Health, ICOH: Best Practices in Occupational Safety and Health, Education, Training, and Communication: Ideas That Sizzle, Baltimore, MD; October 28-30, 2002; p. 86.

McKnight R.H., Hopenhayn C., Westneat, S., Bryden, P. Are occupational pesticide exposures of workers age ≥ 55 underestimated by US Poison Control Centers? In: Abstracts, 4th Conference on Aging and Work: Promotion of Work Ability and Employability, Krakow, Poland; June 12-15, 2002, p. 55.

McKnight R.H., Burlingham B. Threats to job security and lifestyle among U.S. tobacco farmers: Conceptual issues and mental health consequences. In: Abstracts, International Research Conference: Health Hazards and Challenges in the New Working Life, Stockholm, Sweden; January 11-13, 1999; p. 11.

McKnight R.H., Rao P.A.. Migration of farm labor in the US: Overcoming constraints to planning health care. In: Abstracts, International Research Conference: Health Hazards and Challenges in the New Working Life, Stockholm, Sweden; January 11-13, 1999; p. 11.

Abstracts Published in Conference Proceedings (continued):

- Reed D.B., **McKnight R.H.**, Browning S.B., Westneat S.C. Farmers who never quit working: Self-reported health conditions in an aging workforce. In *Book of Abstracts, 2nd International ICOH Conference on Aging and Work*, Elsinore, Denmark; Sept. 14-16, 1998; p. 20.
- McKnight R.H.**, Reed D.B., Westneat S.C. Work activities and physical limitations of farmers age ≥ 80 in Kentucky, USA. In *Book of Abstracts, 2nd International ICOH Conference on Aging and Work*, Elsinore, Denmark; Sept. 14-16, 1998; p. 21.
- McKnight R.H.**, Reed D.B., Westneat S.C. Using multi-mode methodologies to study the older worker: Lessons learned from the Kentucky older farmers study. In *Book of Abstracts, 2nd International ICOH Conference on Aging and Work*, Elsinore, Denmark; Sept. 14-16, 1998; p. 32.
- McKnight R.H.** Pediatric ingestion of tobacco spit: The hazard of household spittoons. In *Book of Abstracts, 4th World Conference on Injury Control*, Amsterdam, The Netherlands, May 17-20, 1998; p. 636.
- McKnight R.H.**, Jones M.S. Lessons learned from a women-focused partnership for farm safety. In *Book of Abstracts, 4th World Conference on Injury Control*, Amsterdam, The Netherlands; May 17-20, 1998; p. 946.
- McKnight R.H.** Activities at the Southeast Center for Agricultural Health and Injury Prevention. In NIOSH, *Agricultural Health & Safety Conference: Program Abstracts* Morgantown, WV; July 15-17, 1997; p. 7.
- McKnight R.H.**, Reed D.B., Browning S.R. From the phone to the fields: The Kentucky Farm Family Health and Hazard Surveillance Project. In NIOSH, *Agricultural Health & Safety Conference: Program Abstracts*, Morgantown, WV; July 15-17, 1997; p. 24.
- Browning S.R., Reed D.B., **McKnight R.H.** Back pain in older Kentucky farmers. In *Abstracts, American Public Health Association 123rd Annual Meeting*, San Diego, California; Oct. 29-Nov. 2, 1995; p. 22.
- Levine E.J., **McKnight R.H.**, Rodgers G.C. Jr. Follow-up of occupational poisonings reported to a regional poison center: Findings, advantages, and limitations. In *Abstracts, American Public Health Association 123rd Annual Meeting*, San Diego, California, Oct. 29-Nov. 2, 1995, p. 256.
- Luchok K.J., **McKnight R.H.** Women's views on preventing work-related injury and disease in a male-dominated workforce: An example from farming. In *Abstracts, American Public Health Association 123rd Annual Meeting*, San Diego, California, Oct. 29-Nov. 2, 1995; p. 93.
- McKnight R.H.**, Reed D.B., Browning S.R. Are children working on their family's farm protected by roll-over protection on tractors? In *Abstracts, American Public Health Association 123rd Annual Meeting*, San Diego, California, Oct. 29-Nov. 2, 1995; p. 245.
- Reed D.B., Browning S.R., **McKnight R.H.** Hearing loss among older farmers: An occupational risk. In *Abstracts, American Public Health Association 123rd Annual Meeting*, San Diego, California; Oct. 29-Nov. 2, 1995, p. 446.
- Stea J.B., **McKnight R.H.** Preventing suicides by jail inmates: Why a new paradigm for public health action is needed. In *Abstracts, American Public Health Association 123rd Annual Meeting*, San Diego, California, Oct. 29-Nov. 2, 1995; p. 415.

Abstracts Published in Conference Proceedings (continued):

- Moore K.C., Cole H.P., **McKnight R.H.**, Piercy L.R. Promoting safety behaviors through stories, simulations, and reflection. In *Proceedings of the Human Factors and Ergonomics Society 38th Annual Meeting*. Nashville, Tennessee; October 24-28, 1994; p. 969.
- McKnight R.H.**, Mays J.R., Rodgers G.C. Jr. Poison control centers and agricultural health: Missed opportunities for surveillance and prevention? In NIOSH/CDC, *Abstracts, Agricultural Safety and Health: A National Conference on Detection, Prevention & Intervention*. Columbus, Ohio; August 24-26, 1994; p. 9.
- McKnight R.H.**, Janney C.A. Hazard surveillance of farms lacking rollover protective structures (ROPS) on farm tractors. In NIOSH/CDC, *Abstracts, Agricultural Safety and Health: A National Conference on Detection, Prevention & Intervention*. Columbus, Ohio; August 24-26, 1994; p. 40.
- Zollicoffer A.M., Cole H.P., **McKnight R.H.**, Piercy L.R., Ross I.J. Saliency of occupational safety and health in a department of agricultural engineering. In: NIOSH/CDC, *Abstracts, Agricultural Safety and Health: A National Conference on Detection, Prevention & Intervention*. Columbus, Ohio; August 24-26, 1994; p.10.
- Cole H.P., **McKnight R.H.**, Piercy L.R., Preventing injuries through interactive stories. In: NIOSH/CDC, *Abstracts, Agricultural Safety and Health: A National Conference on Detection, Prevention & Intervention*. Columbus, Ohio; August 24-26, 1994; p. 62.
- Arcury T., **McKnight R.**, Turner W., & Shaw P. Qualitative methods to assess the health and safety concerns of African American farmers. In *Abstracts of Poster Presentations, First National Conference for NIOSH-Sponsored Centers for Agricultural Disease and Injury Research, Education, and Prevention*, Univ. of California, Davis, Feb. 27- Mar. 1, 1994; p.25.
- Cole H., McLymore R.L., **McKnight R.H.**, Piercy L.R. Stories to live by: Narrative simulation exercises for preventing agricultural injuries. In *Abstracts of Poster Presentations, National Conference for NIOSH-Sponsored Centers for Agricultural Disease and Injury Research, Education & Prevention*, Univ. of California, Davis, Feb. 27 - Mar. 1, 1994; p. 9.
- Reed D. & **McKnight R.** Development and refinement of on-farm physical screenings for older farmers. In *Abstracts, NIOSH Symposium on Occupational Efforts to Prevent Injury and Disease in Agricultural Workers*, Lexington, KY, August 1993 ; pp. 191-197.
- Arcury T., Shaw P., Turner W., **McKnight R.** & Enochs R. Assessing the health and injury concerns of African American farmers: The first steps. In *Abstracts, NIOSH Symposium on Occupational Efforts to Prevent Injury and Disease in Agricultural Workers*, Lexington, KY, August 1993; pp. 132-137.
- McKnight R.H.**, Spurlock C.W., & Myers J.R. Agricultural injury surveillance in Kentucky: An example of university, state, and federal cooperation that works. In *Abstracts, 2nd World Conference on Injury Control*, Centers for Disease Control, Atlanta, GA, May 1993; pp. 314-315.
- McKnight R.H.** & Reed D.B. Changes in public opinion toward automotive airbags since 1990: Is the diffusion model working? In *Abstracts, 2nd World Conference on Injury Control*, Centers for Disease Control, Atlanta, GA, May 1993; p. 267.
- McKnight R.H.** & Wolf J.G. An annual statewide survey of injury control issues and injury hazards: Will it work for you? In *Abstracts, 2nd World Conference on Injury Control*, Centers for Disease Control, Atlanta, GA, May 1993; pp. 166-167.

Abstracts Published in Conference Proceedings (continued):

Kidd P., Townley K., **McKnight R.H.** University-based collaborative efforts to prevent childhood agricultural injuries. In *Abstracts, 2nd World Conference on Injury Control*, Centers for Disease Control, Atlanta, GA, May 1993; p. 313.

McCulloch B.J., **McKnight R.H.**, Auslander M., Kidd P.S. & Landen D. Preventing injury and disease in the rural elderly. *The Gerontologist*, October 1992, 32 (special issue II): 107.

McKnight R.H., Kidd P.S., Focus group interviews: An innovative method for behavioral risk factor surveillance in agriculture. In *Abstracts, Third International Symposium: Issues in Health, Safety, and Agriculture*, Saskatoon, Saskatchewan; May 10-15, 1992, p. 100.

McKnight R.H., Reed D.B., Barriers to accessing emergency medical services on farms: What number to dial? In *Abstracts, Third International Symposium: Issues in Health, Safety, and Agriculture*, Saskatoon, Saskatchewan; May 10-15, 1992, p. 79.

McKnight R.H., Horstman S.W., Piercy L.R., Early K.L. Video hazard monitoring: A new technique of farm surveillance. In *Abstracts, Third International Symposium: Issues in Health, Safety, and Agriculture*, Saskatoon, Saskatchewan; May 10-15, 1992, p. 99.

Presentations at national & international professional meetings:

McKnight, R., Anyaegbunam, C., Cole, H. Social Marketing to Promote Farm Tractor Safety in the United States, 14th International Conference on Safe Communities, Bergen, Norway, June 14, 2005.

McKnight, R., Bryden, P., Westneat, S. Agricultural Pesticide Poisonings in the Southeast United States, Nordic Meeting on Agricultural Occupational Health, 2004, Stockholm, Sweden November 29 - December 1, 2004.

McKnight, R., Browning, S., Westneat, S. Suicide Among Older Farmers in Kentucky, USA: 1990-1998, 2nd International Conference on Work Ability, Verona, Italy, October 18-20, 2004.

McKnight, R., Teaster, P. Choice of Occupation as a Factor in Late Life Vulnerability: An Example from the USA, 2nd International Conference on Work Ability, Verona, Italy, October 18-20, 2004.

Rennekamp, R., Riddle, B., **McKnight, R.**, Clarke, B., and Broadwater, G. Improving Health Access for Rural Hispanic Populations. Paper presented at the First Conference on Working with Latinos/Hispanics in the U.S.A., University of Puerto Rico, San Juan, PR, October 27-29, 2004

McKnight, R. Promoting Safe Agricultural Communities: Activities of the North American Agromedicine Consortium, 13th International Conference on Safe Communities, Prague, Czech Republic, May 31-June 3, 2004.

Rennekamp, R., **McKnight, R. H.** Improving Health Access for Rural Hispanic Populations, USDA Children, Youth, and Families at Risk Conference (CYAFR), Seattle, Washington, May 11-14, 2004.

Bryden, P., **McKnight, R.**, & Westneat, S. Poison Center Surveillance of Bystander Pesticide Exposures, 5th International Symposium on the Future of Rural Peoples, Saskatoon, Canada, October 19-23, 2003.

Presentations at national & international professional meetings (continued):

- McKnight, R.H.** Coalition Development to Increase Health Access Among Immigrant Farm Workers, Nordic Meeting on Agricultural Occupational Health and Safety, Kongsberg, Norway, August 25-27, 2003.
- McKnight R.H.,** Clarke B., Tanner B., Belendez Z., Broadwater G., Rennekamp R., McCoy J. Developing Latino Health Coalitions to Improve Access to Health Care: Innovations, Frustrations, and Successes After One Year, 2003 Priester Extension Health Conference, Phoenix, Arizona, April 22-24, 2003.
- McKnight R.H.,** Reed, D. Issues of Aging Among Agricultural Populations. 2002 North American Agromedicine Consortium, 15th Annual Meeting, San Diego, CA, November 17-19, 2002.
- McKnight R.H.,** Bryden P., Westneat, S. Validity Of Occupational Versus Non-Occupational Classification Of Pesticide Exposures. North American Agromedicine Consortium, 15th Annual Meeting, San Diego, CA, November 17-19, 2002.
- Henderson R., Wheat J., **McKnight R.H.,** Pitzer P. Starting and Maintaining Agromedicine Programs. North American Agromedicine Consortium, 15th Annual Meeting, San Diego, CA, November 17-19, 2002.
- McKnight R.H.** Curriculum Development for Agricultural Occupational Health: The Kentucky Experience, 6th International Conference Scientific Committee on Education and Training in Occupational Health, ICOH: Best Practices in Occupational Safety and Health, Education, Training, and Communication: Ideas That Sizzle, Baltimore, MD; October 28-30, 2002.
- McKnight R.H.,** Spiller H., Westneat, S. & Hopenhayn C. Multi-Center Electronic Data Sharing: A 5-State Pilot Study. 2002 North American Congress of Clinical Toxicology Annual Meeting, Palm Springs, CA, September 24-29, 2002.
- McKnight R.H.,** Westneat, S., Bryden, P. Limitations Of Agricultural Pesticide Poisoning Data Collected By U.S. Poison Control Centers, Nordic Meeting on Agricultural Occupational Health, Kuopio, Finland, August 26-28, 2002.
- McKnight R.H.,** Broadwater G., Tanner B., Clarke B., Belendez Z. Coalitions to Improve Health Access by Hispanics in Rural Kentucky and Tennessee, 2002 International Community Development Society Conference, Cleveland, MS, July 23, 2002 (presented by Gae Broadwater)
- McKnight R.H.** Agricultural Safety Issues in the United States, Invited Lecture to the Faculty of the Department of Engineering and Energetics, Agricultural University of Krakow, Krakow, Poland, June 12, 2002.
- McKnight R.H.,** Hopenhayn C., Westneat, S., Bryden, P. Are Occupational Pesticide Exposures of Workers Age ≥ 55 Underestimated by US Poison Control Centers?, 4th Conference on Aging and Work: Promotion of Work Ability and Employability, Krakow, Poland, June 12-15, 2002.
- McKnight R.H.** Activities at the Southeast Center for Agricultural Health and Injury Prevention, North American Agromedicine Consortium, 14th Annual Meeting, Charleston, SC, November 4-6, 2001.

Presentations at national & international professional meetings (continued):

- Bryden P., **McKnight, R.H.**, Spiller, H.A. Pediatric Nicotine Exposures From Ingestion Of Spittoon Contents. North American Congress of Clinical Toxicology 2001, Montreal, October 8, 2001.
- McKnight, R.H.** Coalition development for agricultural health and safety: Examples from Kentucky USA. Nordic Conference on Agricultural Occupational Health. Horsens, Denmark. September 18, 2001.
- McKnight, R.H.**, Burt, D.S., Doherty, C.W. Where is the evidence: Do enabling services really boost primary care visits? 2001 National Farmworker Health Conference, San Juan, Puerto Rico, April 26-29, 2001.
- McKnight, R.H.** and Martin, R. Lessons learned while starting the first migrant health program in Kentucky. North American Agromedicine Consortium Annual Meeting, Gainesville, FL, Dec. 3-5, 2000.
- McKnight, R.** Developing a health care system for migrant agricultural workers in Kentucky, USA. Nordic Meeting on Agricultural Occupational Health, Alnarp, Sweden, September 24-26, 2000.
- McKnight, R.**, Jones, M.S. Women as change agents for agricultural health and safety: Examples from the United States. Nordic Meeting on Agricultural Occupational Health, Alnarp, Sweden, September 24-26, 2000.
- Cole, H., **McKnight, R.**, Browning, S., Reed D., Struttman, T., Piercy, L., Westneat, S. Estimates of the probability of death during farm tractor overturns. NIOSH Occupational Injury Symposium, Pittsburgh, PA, Oct. 17, 2000.
- McKnight R.**, Jones S. Building partnerships to improve the health of farm and agricultural populations. 4th World Rural Health Conference, Calgary, Alberta, August 18, 2000.
- Rice C., **McKnight R.**, Tanner B. A multi-state model linking cooperative extension and schools of public health. Priester Extension Health Conference, Denver, Col., May 9, 2000.
- McKnight R.**, McDonald M., Berardino J. Seeking your input: A research agenda for farmworker health. National Farmworker Health Conference, Portland, OR, May 2000.
- Cameron S., Bauer S., Brandstetler H., Doolen A., **McKnight R.** Strategies in environmental and occupational health promotion. National Farmworker Health Conference, Portland, OR, May 2000.
- Berardino J., **McKnight R.**, McDonald M. Creating a research agenda for farmworker health. NIOSH Agricultural Health Center Conference, Cooperstown, NY, April 2000.
- McKnight R.** NIOSH Centers for Agricultural Health and Injury Prevention (Roundtable discussion). American Public Health Association, Chicago, IL, November 10, 1999.
- McKnight R.**, Rao P. Migration of farm labor in the US: Overcoming constraints to planning health care. Health Hazards and Challenges in the New Working Life, Stockholm, Sweden, January 12, 1999.

Presentations at national & international professional meetings (continued):

- McKnight R.**, Harju, B. Burlingham B. Threats to job security and lifestyle among U.S. tobacco farmers: Conceptual issues and mental health consequences. Health Hazards and Challenges in the New Working Life, Stockholm, Sweden, January 11, 1999.
- McKnight R.** Agricultural safety and health: Defining research and collaboration. Workshop, 11th Annual East Coast Migrant Stream Forum, Springfield, Massachusetts; November 13-15, 1998.
- McKnight R.** Epidemiologic surveillance. Midwest Farmworker Stream Forum, San Antonio, Texas; November 6-8, 1998.
- Browning S., Reed D., **McKnight R.** Prevalence and risk factors for arthritis among older Kentucky farmers. 4th International Symposium: Rural Health and Safety in a Changing World, Saskatoon, Saskatchewan; October 18-22, 1998.
- Reed D.B., **McKnight R.H.**, Browning S.B., Westneat S.C. Farmers who never quit working: Self-reported health conditions in an aging workforce. 2nd International ICOH Conference on Aging and Work, Elsinore, Denmark; Sept. 14-16, 1998.
- McKnight R.H.**, Reed D.B., Westneat S.C. Work activities and physical limitations of farmers age ≥ 80 in Kentucky, USA. 2nd International ICOH Conference on Aging and Work, Elsinore, Denmark; Sept. 14-16, 1998.
- McKnight R.H.**, Reed D.B., Westneat S.C. Using multi-mode methodologies to study the older worker: Lessons learned from the Kentucky older farmers study. 2nd International ICOH Conference on Aging and Work, Elsinore, Denmark; Sept. 14-16, 1998.
- McKnight R.H.** Pediatric ingestion of tobacco spit: The hazard of household spittoons. 4th World Conference on Injury Control, Amsterdam, The Netherlands, May 17-20, 1998.
- McKnight R.H.**, Jones M.S. Lessons learned from a women-focused partnership for farm safety. 4th World Conference on Injury Control, Amsterdam, The Netherlands; May 17-20, 1998.
- Browning S.R., Westneat S.C., **McKnight R.H.** Work tasks, days worked, supervision, and risk of farm-related injury among Kentucky farm children. NIOSH Agricultural Health and Safety Conference. Morgantown, West Virginia; July 15-17, 1997.
- Browning S.R., Westneat S.C., Reed D.B., **McKnight R.H.**, Hazard surveillance among Kentucky farm children: Results from the Farm Family Health and Hazard Surveillance Study. NIOSH Agricultural Health and Safety Conference, Morgantown, WV, July 15-17, 1997.
- Browning S.R., Reed D.B., **McKnight R.H.** Prevalence and risk factors for arthritis among older Kentucky farmers. Society for Epidemiologic Research. Edmonton, Alberta; June 12-14, 1997.
- McKnight R.H.**, Kryscio R.J., Koetke C.A. Temporal clustering of a unique pediatric poisoning: ingestion of tobacco spit from household spittoons. 30th Annual Meeting of the Society for Epidemiologic Research, Edmonton, Alberta, June 12-14, 1997.
- Browning S.R., Truszczynska H., Westneat S.C., Koetke C.A., **McKnight R.H.** Hazard surveillance of farm tractor safety features. American Industrial Hygiene Conference and Exposition, Dallas, Texas; May 17-23, 1997.

Presentations at national & international professional meetings (continued):

- Browning S.R., Westneat S.C., Koetke C.A., Reed D.B., **McKnight R.H.** Hazardous work and injuries among Kentucky farm children. *Prevention* 97, Atlanta, GA; March 20–23, 1997.
- McKnight R.H.**, Westneat S.C. A unique botanical poisoning during farm work: Green tobacco sickness in Kentucky, USA. 25th International Congress on Occupational Health. Stockholm, Sweden; September 1996.
- McKnight R.H.** Prevalence of traumatic amputations in older farmers: Results of injury surveillance in Kentucky, USA. 25th International Congress on Occupational Health. Stockholm, Sweden; September 1996.
- McKnight R.H.**, Truszczynska H. A profile of children who apply pesticides on family farms in Kentucky. International Society for Environmental Epidemiology 8th Annual Conference, Edmonton, Alberta, August 1996.
- McKnight R.H.**, Westneat S.C. The relationship of tobacco plant exposure and moisture to severity of an agricultural poisoning. International Society for Environmental Epidemiology 8th Annual Conference, Edmonton, Alberta, August 1996.
- Cole H.P., **McKnight R.H.**, Rodgers G.C. Training health providers to diagnose, treat, and prevent green tobacco sickness. 25th National Institute for Farm Safety Conference, Ft. Mitchell, Kentucky; June 23-27, 1996.
- McKnight R.H.**, Westneat S.C., Dawson S.K. Limitations of adverbial frequency descriptors as a response mode in survey questions: What do “always,” “seldom,” and “never” imply? Society for Epidemiological Research, Boston, Massachusetts; June 1996.
- Browning S.R., Truszczynska H., **McKnight R.H.** Farm work related injuries among older Kentucky farmers. Society for Epidemiological Research, Boston, Massachusetts, June 1996.
- Cole H.P., **McKnight R. H.**, Rodgers G.C. Diagnosis and treatment of an agricultural illness: The role of simulation exercises in health professions’ continuing education. 3rd Annual NIOSH Agricultural Health and Safety Conference. Iowa City, Iowa; March 24-26, 1996.
- McKnight R.H.**, Browning S.R., Reed D.B. Survivors of farm tractor overturn: A profile from Kentucky, USA. 3rd International Conference on Injury Prevention and Control, Melbourne, Australia, February 1996.
- McKnight R.H.**, Dawson S.K., & Donnelly, C. Appropriateness of frequency descriptors in behavioral risk factor questions: does “seldom” sometimes mean “never”? 3rd International Conference on Injury Prevention and Control, Melbourne, Australia, February 1996.
- Reed, D.B., & **McKnight R.H.** At high risk: Developing a methodology for studying older farmers. 3rd International Conference on Injury Prevention and Control, Melbourne, Australia, February 1996.
- Jones M.S., Luchok K.J., **McKnight R.H.** A partnership approach empowering women to reduce farm injuries and illnesses. American Public Health Association 123rd Annual Meeting, San Diego, California, Oct. 29-Nov. 2, 1995.
- McKnight R.H.**, Browning S.R., Reed D.B. Surveillance of tractors without roll-over protective structures on farms with children. American Public Health Association 123rd Annual Meeting, San Diego, California, Oct. 29-Nov. 2, 1995.

Presentations at national & international professional meetings (continued):

- McKnight R.H.**, Luchok K.J., Preventing occupational injury and disease in an agricultural community: A model based on empowerment of farm women. 4th International Conference on Safe Communities, Fort McMurray, Alberta, Canada, June 6-8, 1995.
- Myers, J.A., & **McKnight R.H.** Lessons learned from conducting a process evaluation. 4th International Conference on Safe Communities, Ft. McMurray, Alberta, June 6-8, 1995.
- Casale G., Wallace B., Witzke D., Collins T. & **McKnight R.H.** Resident physicians' health and life style. Prevention '95, New Orleans, Louisiana, April 1995.
- Cole H.P., **McKnight R.H.**, Piercy L.R., McLymore R.L. Interactive narrative and self-protective behavior from tractor roll-over events. 2nd National Conference for NIOSH-Sponsored Agricultural Health and Safety Centers. Fort Collins, Colorado; March 27-28, 1995.
- Zollicoffer A.M., Cole H.P., **McKnight R.H.**, Piercy L.R., Ross I.J. Assessing the importance of safety and health instruction in an agricultural engineering department: A pilot study. 2nd National Conference for NIOSH-Sponsored Agricultural Health and Safety Centers. Fort Collins, Colorado; March 27-28, 1995.
- Luchok K.J., Mays J.R., **McKnight R.H.** Bridging the gaps for Kentucky's migrant farmworkers: The first steps. 2nd National Conference for NIOSH-Sponsored Agricultural Health and Safety Centers, Fort Collins, Colorado, March 27-28, 1995.
- McKnight R.H.**, Reed D.B., Browning S.R. Farm children at work: On and off the farm. Rural Child and Adolescent Rural Injury Control Conference, Madison, Wisconsin, March 8-9, 1995.
- Cole H.P., **McKnight R.H.**, Piercy L.R., McLymore R.L. Teaching and assessing youth safety decisions through stories. Child & Adolescent Rural Injury Control Conference. Madison, Wisconsin; March 8-9, 1995 .
- McKnight R.H.**, Kryscio R.J., Mays J., & Rodgers G. Jr. Using a regional poison center to detect poisoning clusters: The example of Green Tobacco Sickness. Conference on Statistics and Computing in Disease Clustering, Vancouver, BC, July 21-22, 1994.
- Reed D.B., **McKnight R.H.**, Horstman S.W. Farming after an amputation: Rehabilitation, adaptation and unmet needs. XII International Congress of Agricultural Medicine and Rural Health, Stockholm, Sweden, July 1994.
- McKnight R.**, VonEssen S., & Frumkin H. How to incorporate agricultural health and safety instruction into the health profession curriculum. 17th Annual National Conference on Rural Health, San Francisco, CA, May 25-28, 1994.
- Donham K., **McKnight R.**, & Ivory J. Agricultural medicine – a national research program for prevention. 17th Annual National Conference on Rural Health, San Francisco, CA, May 25-28, 1994.
- Arcury T., **McKnight R.H.**, Shaw P. & Turner W. Health and injury concerns of African-American farmers in the southeast. US Society for Applied Anthropology Annual Meeting, Cancun, Quintana Roo, Mexico, April 1994.
- Kidd P., Huddleston S., **McKnight R.**, Townley K., Cole H. & Piercy L. Risk factors for agricultural injury in farm youth. 32nd Biennial Convention of Sigma Theta Tau International, Indianapolis, IN, December 1993.

Presentations at national & international professional meetings (continued):

- Kidd P., Townley K., Huddleston, S., **McKnight R.**, Cole, H. & Piercy, L. Youth perceptions of risk in the farm environment. American Public Health Association convention, San Francisco, CA, October 24-28, 1993.
- Auslander M., Spurlock C., & **McKnight R.** Excess farm injuries associated with tobacco harvesting. American Public Health Association convention, San Francisco, CA, Oct. 24-28, 1993.
- McKnight R.H.** The Kentucky Farm Family Health and Hazard Surveillance Project. American Public Health Association, San Francisco, CA, October 24-28, 1993.
- Spurlock C., Auslander M., & **McKnight R.** Injuries: One result of child labor in agriculture. American Public Health Association, San Francisco, CA, October 24-28, 1993.
- McKnight R.H.**, McCulloch B.J., & Reed D.B. Issues in studying the older farmer: Lessons learned from farming. American Public Health Association, Washington, DC, Nov. 1992.
- McKnight R.H.**, Reed D.B. Women on the family farm: Building a research agenda. American Public Health Association 120th Annual Meeting, Washington, DC. November 1992.
- Kidd P.S., **McKnight R.H.** & Koetke C.A. Focus group interviews for surveillance of occupational health risks in rural workers. Poster presentation at American Public Health Association convention, Washington, DC, November 1992.
- McKnight R.H.**, Townley K.F. & Auslander, M. Public health strategies to strengthen farm families in Kentucky. World Congress on the Family, Columbus, Ohio, August 1992.
- Townley K.F. & **McKnight R.H.** Developmentally inappropriate play areas in rural daycare: Is it safe to play outside? CDC International Conference on Child Daycare Health, Atlanta, GA, June 1992.
- McKnight R.H.** & Townley K.F. Are stricter health and safety standards needed for daycare provided on family farms? CDC International Conference on Child Daycare Health, Atlanta, GA, June 1992.
- McKnight R.H.** & Spurlock C.W. Prevention-focused surveillance of agricultural injuries. Prevention '92, Baltimore, MD, March 1992.
- McKnight R.H.** Is health protection a neglected concept? American Public Health Association, Chicago, IL, October 1989.
- McKnight R.H.** & Saylor B.L. Defining "core" health services in a time of economic crisis. American Public Health Association, Chicago, IL, October 1989.
- McKnight R.H.** & Cornwell N. Health planning in a sub-Arctic city: The Anchorage experience. American Public Health Association, Boston, MA, November 1988.
- McKnight R.H.**, Williams T.K. & Schnitzer P.G. Epidemiologic research to reduce injury deaths in Alaska. Louisiana State University Medical Center Conference: "Focus on the Future," New Orleans, LA, October 1988.
- McKnight R.H.** & Hetzel G.H. Understanding risk assessment from the epidemiologic perspective (Paper #87-5008). American Society of Agricultural Engineers summer meeting, Baltimore, MD, June 1987.

Presentations at national & international professional meetings (continued):

- McKnight R.H.** The all-terrain vehicle: Social benefit or injury menace to Alaska natives? American Public Health Association, Las Vegas, Nevada, September 1986.
- Predger B., Kochis K., Bashaw C.L. & **McKnight R.H.** Strategies to control dog bites by pit-bull terriers. American Public Health Association, Las Vegas, Nevada, September 1986.
- McKnight R.H.** & Hetzel G.H. Planning state laws to regulate the all-terrain vehicle. American Rural Health Association, White Haven, PA, September 1986.
- McKnight R.H.** & Hetzel G.H. All-terrain vehicle deaths and injuries on US farms. American Society of Agricultural Engineers summer meeting, San Luis Obispo, CA, July 1986.
- McKnight R.H.** & Bashaw C.L. Deaths associated with all-terrain vehicles in the 48 contiguous states. American Public Health Association, Washington, DC, November 1985.
- McKnight R.H.** & Hetzel G.H. Farm machinery injuries: Epidemiology and rural injury control. American Rural Health Association, Chicago, IL, June 1985.
- McKnight R.H.** & Hetzel G.H. Annual trends in farm tractor and machinery deaths, 1975–1981 (Paper #84-557). American Society of Agricultural Engineers winter meeting, New Orleans, LA, December 1984.
- McKnight R.H.** Farm tractor fatalities: National study. American Public Health Association, Anaheim, CA, November 1984.

Presentations at state & local professional meetings:

- McKnight, RH** (2004). *Tips for Successful Grant Writing* presented at Kentucky and Tennessee Latino Health Access Coalition 3rd Multi-State Annual Conference, Fall Creek Falls State Park, Tennessee, October 27-29, 2004.
- McKnight, RH** (2004). *NIOSH Agricultural Centers Tractor Safety Initiative*, presented at Southern Region Farm Safety Symposium #2, Tennessee Cooperative Extension Service, Nashville, Tennessee, September 20, 2004.
- McKnight, RH** (2004). Lunch seminar/discussion on Agricultural Health with Rural Medical Scholars Program students, University of Alabama, Tuscaloosa, September 10, 2004.
- McKnight, RH** (2004). *Projects and Activities of the Southeast Center for Agricultural Health and Injury Prevention*, Southern Regional Farm Safety Symposium #1, Tennessee Cooperative Extension Service, Nashville, Tennessee May 11, 2004.
- McKnight, RH** (2004). *Overview of NIOSH Initiatives in Agricultural Health and Safety*, Southern Regional Farm Safety Symposium #1, Tennessee Cooperative Extension Service, Tennessee May 10, 2004.
- McKnight, RH** (2004). *Activities at the Southeast Center for Agricultural Health and Injury Prevention*, presented to faculty at Georgia Southern University, Statesboro, Georgia, April 15, 2004.

Presentations at state & local professional meetings (continued):

McKnight, RH (2004). *Finding and Securing Funding for Agricultural Health and Safety*, invited seminar, School of Public Health and School of Nursing, Georgia Southern University, Statesboro, Georgia April 15, 2004.

McKnight, RH (2004). *Identifying and Securing Funding to Address Issues Affecting Rural Workers and Industries*, Health and Safety Summit sponsored by Mississippi State University Extension Service, Jackson, Mississippi, March 23-24, 2004.

McKnight R.H. Defining agromedicine. Agromedicine Pre-summit Working Group, State of Mississippi, Jackson, Mississippi, November 7, 2003.

McKnight R.H. Epidemiology of agricultural chemical poisonings. Midwest Regional Toxicology Symposium, Louisville, November 12, 2001.

McKnight R.H. The public in planning—a voice to be heard. Alaska Public Health Association meeting, April 1988.

McKnight R.H. The theory behind injury control. Alaska Public Health Association meeting, April 1988.

McKnight R.H. Forum on public health: Understanding injuries as a public health problem. Alaska-Hawaii Joint Convention of the National Association of Social Workers, Honolulu, Hawaii, March 1987.

McKnight R.H. Injury epidemiology: Applications for safety engineers. Alaska Chapter of American Society of Safety Engineers meeting, Anchorage, Alaska, September 1986.

McKnight R.H. Trauma as a public health problem. Critical Care Conference, Anchorage, Alaska, October 1985.

McKnight R.H. The effects of Alaska's child restraint law. Alaska Emergency Medical Services Symposium, Anchorage, Alaska, November 1986.

McKnight R.H. An overview of injury control. Alaska Emergency Medical Services Symposium, Anchorage, Alaska, November 1985.

Middaugh J.P., **McKnight R.H.** & Halbert S. All-terrain vehicle injuries in Alaska. 6th Annual Governor's Safety and Health Conference, Anchorage, Alaska, October 1985.

McKnight R.H. Is Alaska's child vehicle occupant restraint law working? 2nd Annual UAA Research Symposium, Anchorage, Alaska, September 1985.

Service

Practice, Service, and Outreach Programs Developed with Extramural Funds:

Title: **Kentucky Farmworker Health Program** 1998-2001
Description: 4-year clinical services program for primary medical, dental, and pharmacy care for migrant and seasonal farmworkers. Funded by DHHS/Health Resources and Services Administration.
Role: PI, Director, supervisor and leadership for a staff of six
Funding: Approximately \$250,000 per year; \$1,038,087 across four years
Comment: This was the first migrant health program in Kentucky, serving a five-county area around and including Lexington, Kentucky.

Title: **Migrant Network Coalition** 1994-
Description: Grassroots advisory and networking group organized in 1994
Role: Catalyst to start the coalition
Funding: Began with \$3,000 to \$4,000 per year from first five-year cycle of Southeast Center for Agricultural Health award. This coalition was incubated by the Center until it was able to become a nonprofit organization. The coalition is now independent from the Center and sponsors an annual Migrant Network Coalition Conference in Lexington each year.

Title: **Kentucky Migrant Vocational Rehabilitation Outreach** 2000-2005
Description: Five-year outreach project to identify migrant farmworkers with disabilities and link them to services of the Kentucky Department of Vocational Rehabilitation for job retraining. One of 14 such programs in the United States.
Role: PI, Director and supervisor for a staff of five
Funding: U.S. Department of Education/Rehabilitation Services Administration, via subcontract from the Commonwealth of Kentucky. Approximately \$160,000 per year (2000-2005); \$818,510 total

Title: **Hispanic Outreach for Kentucky Children's Health Insurance Program** 1999-
Description: Provides outreach and referral targeted to Spanish-speaking Kentuckians to enroll their children in the Children's Health Insurance Program (CHIP)
Role: PI, Director, leadership and supervisor for two staff.
Funding: Approximately \$60,000-\$120,00 per year, each year since 1999 (total of \$649,355 over six years)

Title: **Coalitions to Improve Health Access by Hispanics in Rural Kentucky and Tennessee** 2001-
Description: Provides improved healthcare access for Spanish-speaking immigrants by building coalitions from local resources in two rural Kentucky counties and two rural Tennessee counties. Funded by USDA Fund for Rural America Project.
Role: Director, Principal Investigator
Funding: Approximately \$140,000 per year (\$538,373 for five years)

Practice, Service, and Outreach Programs Developed (continued):

Title: **Kentucky Partnership for Farm Family Safety and Health** 1992-
Description: Funded from grant entitled Empowering Farm Women to Reduce Hazards to Family Health and Safety on the Farm. Grassroots community coalition of farm women in Bowling Green, Kentucky, who address prevention, first-aid, and advocacy for safe and healthy farms. This organization is now a sustainable nonprofit agency.
Role: Principal Investigator
Funding: W.K. Kellogg Foundation in 1992 for \$552,259 for five years

University Committees:

Member, University (Faculty) Senate, (2005 – elected for 3-year term)
Chair, Practice and Service Committee, College of Public Health (2005 – present)
Search Committee for faculty vacancy, Department of Preventive Medicine (2005)
Member, Administrative Council, College of Public Health (2005 – present)
Co-Chair, Environmental Health Track, Priester – USDA Extension Health Conference, (2004)
Co-Chair, Practice and Service Committee, College of Public Health (2004)
Member, Faculty Council, College of Public Health (2004-2005)
Member, Appointment, Promotion, and Tenure Committee, College of Public Health (2004-2005)
Self-Study Committee for School of Public Health (2004)
Chair, Search Committee for DDI Professorship in Health Behavior, School of Public Health (2003)
Co-Chair, Service portion of College of Public Health Self-Study (2004)
Ad Hoc Committee on Emergency Preparedness Option, School of Public Health (2003)
Search Committee for Director of Tracy Farmer Center on Environment (2002)
Search Committee for School of Public Health Extension Health Faculty (2001)
Advisory Committee, Water Resources Research Institute (2001-2004)
School of Public Health Research Committee (2000-2005)
Advisory Committee, Kentucky Injury Prevention and Research Center (1999-present)
Six-year Review Committee for Department of Preventive Medicine (1999)
Hispanic Task Force, College of Medicine (1999-2002)
Search Committee, Epidemiology faculty, UK Sanders-Brown Center on Aging (1998-2000)
School of Public Health Planning Committee (1998-2000)
School of Public Health Curriculum Committee (1998-2000)
College of Medicine Research Committee (1994-96)
Graduate Basic Science Committee for Self-Study (for LCME), College of Medicine (1994-95)
Search Committee for Director of University of Kentucky Survey Research Center (1994)
Robert Wood Johnson *ad hoc* Curriculum Task Force Committee on “Introduction to Medical Practice” (1991).

University Committees (continued):

Steering Committee, Exploratory Center for Health Risk Reduction in Rural Youth (HRRRY) (1991-94)
Advisory Committee, General Preventive Medicine residency program (1990-1999)
Steering Committee, University of Kentucky Health Survey (1990-96)

Professional Activities: National and International:

Officer: President, North American Agromedicine Consortium, November 2002 - October 2003
Executive Secretary, North American Agromedicine Consortium, Sept. 1999 - Nov. 2001

Coordinator: for the 8 Directors of NIOSH-funded Agricultural Health Centers, October 1996 - October 1998

Editorial Board: *Journal of Agromedicine* (2004 - present)
Journal of Agricultural Safety and Health (2001 - present)

Reviewer: Priester USDA National Health Extension Conference (2005)
Journal of Agromedicine (2002 - present)
Journal of Agricultural Safety and Health (1998 - present)
American Journal of Industrial Medicine (on occasion)
American Journal of Public Health (on occasion)
Various Manuscripts for NIOSH (1991- present)
Scientific program abstracts, American Public Health Association Convention, Injury Control and EMS section (1990; 1993-98)
Scientific Session abstracts, Child and Adolescent Rural Injury Control Conference, Madison, WI (1994)

Advisory boards: Agricultural Safety and Health Network (ASH-Net), W.K. Kellogg Foundation project (1996-2001)
Management Board, Southwest Center for Agricultural Health, Injury Prevention, and Education, University of Texas Health Sciences Center at Tyler (1995-2001)

Testimony: Congressional testimony on behalf of the University of Kentucky, US House of Representatives Subcommittee on Labor, Health and Human Services, Education and Related Agencies. Washington, DC, April 1992. In Part 8a, *Testimony of members of Congress and other individuals and organizations*, House Committee on Appropriations, pp. 149-158.

Consultant: Georgia Southern University Agricultural Health Development (2004 - present)
Mississippi State University Agromedicine Program Development (2003 - 2004)

Professional Activities: National and International (continued):

National Institute for Occupational Safety and Health (NIOSH) National Farm Tractor Safety Initiative (2003 – present)
University of Saskatchewan, Institute of Agricultural Rural and Environmental Health, for planning of 5th International Symposium, Future of Rural Peoples: Rural Economy, Healthy People, Environment, Rural Communities (2002--2003)
Utah Agromedicine Work Group (2002)
University of New Mexico College of Medicine (2000 – 2002)
Southwest Center for Agricultural Health, Tyler, Texas (1999 – 2001)
University of Mississippi, Agromedicine Program (1998)
Alcorn State University (Mississippi), Agricultural Youth Injury Prevention Project (1998-2000)
Southeastern Louisiana University (Hammond, LA), Women and Children's Agricultural Injury Prevention Project (1997-2001)
East Carolina University School of Medicine, Agromedicine program (1997-2000)
North Carolina State University, Agricultural Health Promotion System project (1993)
University of Tennessee, Agricultural Health Promotion System project (1993)
Epidemiological design issues, New Brunswick SODA Dioxin Task Force, Fredericton, New Brunswick, Canada (1991-92)
Division of Safety Research, NIOSH/CDC (1990)
University of Alabama-Birmingham Injury Prevention Research Center, for development of prevention component of Comprehensive Head Injury Center (1990)

Grants Reviewer: NIH Center for Scientific Review, Special Emphasis Panels:
Baltimore, MD, November 2-3, 2005
Washington D.C., October 25, 2005
Washington D.C., November 5, 2004
Ohio State University Research Enhancement Proposals Pilot Project (Nov. 2002 - 2004)
NIOSH Special Emphasis Panel, June & July 2001, Atlanta
University of Cincinnati ERC pilot projects (1999 - 2004)

Member: American Public Health Association
North American Agromedicine Consortium
Farm Safety "4" Just Kids
Kentucky Partnership for Farm Family Health and Safety
National Institute for Farm Safety

Program Chair: Pre-program conference, Southern Agromedicine Consortium, Charleston, SC (Fall 1994)
Southern Agromedicine Consortium (Spring 1994)

Professional Activities: National and International (continued):

Committees:

- Research Committee, National Institute for Farm Safety, 2005 – present
- Consultant, Institutional Review Board, Farm Safety 4 Just Kids, Earlham, Iowa, 2001--2004
- Executive Committee, North American Agromedicine Consortium, 1999 – present
- Consensus Development Committee: Occupational Health and Safety of Migrant Children, National Children’s Center for Rural and Agricultural Health and Safety, Marshfield, WI, 1999–2001.
- Steering Committee, National Children’s Center for Rural and Agricultural Health and Safety, Marshfield, Wisconsin (1998–99).
- Planning Committee, Research Track Program, Midwest Migrant Stream Forum (1998)
- Action Board, American Public Health Association (elected for 3-year term, 1995–98)
- National Committee for Childhood Agricultural Injury Prevention, NIOSH/Bureau of Maternal and Child Health (1994–96)
- Section Council, Injury Control and Emergency Medical Services Section, American Public Health Association (elected) (1993–96)
- Planning Committee, Injury Control and Emergency Medical Services Section of American Public Health Association, for the 1996 Third International Conference on Injury Prevention and Control, Melbourne, Australia (1994–95)
- Planning Committee, Agricultural Health Issues Program, American Rural Health Association Convention, San Francisco (May 1994)
- Working Group on Epidemiologic Perspectives, Childhood Agricultural Injury Symposium, National Farm Medicine Center, Marshfield, WI (April 1992)
- Membership Committee, Injury Control Special Interest Group, American Public Health Association (1990–91)

Invited Seminars:

- University of Alabama Rural Medical Scholars, Lunch Discussion, Tuscaloosa, AL, September 12, 2004
- University of Texas Health Center at Tyler – Southwest Agricultural Center, Tyler, TX. “Epidemiologic Surveillance of Agricultural Chemicals in the Mississippi Delta: A New Multi-state Approach.” (Mar. 21, 2001)
- Alcorn State University, Natchez, MS. “Agricultural Safety and Awareness Programs for Youth.” (Jan. 27, 2000)
- Finnish Institute of Occupational Health, Kuopio Regional Institute, Kuopio, Finland. “Agricultural Health and Injury Problems in the Southeastern United States.” (Jan. 14, 1999)

Professional Activities: National and International (continued):

- North Carolina State University, Department of Toxicology, Agromedicine Program. "Linking medicine and agriculture to improve farmers' health: Lessons learned and new opportunities" (December 1997)
- Children's Environmental Risks, American Industrial Health Council Annual Meeting, Washington, DC (December 1997).
- East Carolina University School of Medicine. "Building an agromedicine program" (December 1997).
- Swedish Agricultural University, Division of Work Science, Alnarp, Sweden, "Farm health and injury problems in the Southeast US" (September 1, 1996).
- University of Cincinnati College of Medicine, Department of Environmental Health. "Overview of health and safety research issues in agriculture" (October 1994).
- University of North Carolina at Chapel Hill, School of Public Health. "The research agenda in Kentucky on agricultural health and injury control" (September 1993).
- NIOSH/CDC, Division of Surveillance, Hazard Evaluations, & Field Studies, Cincinnati, Ohio. "Focus group interviews: An innovative method for behavioral risk factor surveillance in agriculture" (August 1992).
- WK Kellogg Foundation, featured in 30-minute video tape on agricultural health and safety, "Harvest of Danger; Season of Hope" (1992)
- Southeast Region Injury Control Network, Atlanta, GA (December 1992)
- NIOSH Division of Respiratory Disease Studies, Morgantown, WV (November 1992).
- Farm Tractor Rollover Prevention Symposium, NIOSH Division of Safety Research, Morgantown, WV (1990)
- Aeromedical Transport Association Convention, Nashville, TN, "Strategies for Injury Prevention" (September 1990)

Professional Activities: State and Local:

- Consultant: Montgomery County Health Department, Mt. Sterling, KY (2003 – present)
- Kentucky Regional Poison Center, Louisville (2001)
- Kentucky Division of Epidemiology, Fatality Assessment Control Evaluation (FACE) grant (1994)
- University of Kentucky Cooperative Extension Service, Respiratory and hearing screening of pork producers (1994)
- Kentucky Cabinet for Human Resources, Department for Health Services, Kentucky Health Interview and Examination Survey (KHIES) (1993-94)
- Kentucky Division of Epidemiology, contributor for grant application, Occupational Health Nurses in Agricultural Communities, funded, CDC/NIOSH Award #U06/CCU406069 (1991)

Professional Activities: State and Local (continued):

- Consultant: Ashland Oil Medical Department, Ashland, KY (1990)
- Invited Speaker: Kentucky Agricultural Leadership Summit, Louisville, KY, "Migrant farm worker health issues in Kentucky: Problems and solutions." (November 1998)
- 29th Annual University of Kentucky Family Medicine Review, Lexington, KY, "Farm family health and safety for clinical practice" (Feb. & Nov. 1998)
- Moderator, Child Labor Issues, 3rd Annual Kentucky Injury Control Conference, Louisville, KY (April 1994)
- 15th Annual Family Practice Review Course, University of Louisville School of Medicine, Louisville, KY, "Prevention of injuries in the rural workplace" (June 1993)
- 2nd Annual Kentucky Injury Control Conference, Louisville, KY, "Overview of agricultural injuries" (September 1992)
- Kentucky Department for Health Services/Division of Epidemiology, Kentucky Injury Control Conference, Louisville, KY, "Trauma care and injury prevention at the University of Kentucky" (Sept. 1991)
- University of Kentucky Hospital Trauma Symposium, Lexington, KY, "Epidemiology of trauma" (June 1991)
- 13th Annual Family Practice Review Course, University of Louisville School of Medicine, Louisville, KY, "Injury prevention: Agricultural-related injuries" (June 1991)
- Committees: Good Samaritan Foundation Indigent Care Task Force (2000 – 2001)
- Planning Committee, 2nd annual Kentucky Injury Control Conference, Kentucky Division of Epidemiology (1992)
- Planning Committee, 1st annual Kentucky Injury Control Conference, Kentucky Division of Epidemiology (1991)

Media Interviews Coordinated with University of Kentucky, Office of Public Affairs:

- Interview: Hispanics' Health Needs. *The Courier-Journal*, Associated Press, June, 2002.
- Interview: Farmworker Health Issues. *Lexington Herald-Leader*, September, 2000.
- Interview on U.S. Agricultural Health Issues. Swedish newspaper 'Arbetarskydd', September 2000.
- WLEX-TV: Migrant Farmworker Health Program. June 1999.
- Interview: Success of the Migrant Farmworker Health Program. *Lexington Herald-Leader*, March 16, 1999.
- Interview: Update on Migrant Health Program. *Georgetown News-Graphic*, December 1, 1998.
- Press conference with Medical College Dean Emery Wilson: Announcement of DHHS funding for Kentucky Migrant Health Program. *Lexington Herald-Leader*, and local TV and radio coverage (June 1, 1998).

*Media Interviews Coordinated with University of Kentucky, Office of Public Affairs
(continued):*

- Interview: Interview for University of Kentucky's research magazine: Improving farm safety and health, *Odyssey*, 12 (1): 30-31 (1994)
- Importance of residential smoke detectors, *Lexington Herald Leader*, WKYT-TV, WLEX-TV, WEKU-FM (October 1994)
- News article: "Haze surrounds Green Tobacco Sickness," *Journal of the National Cancer Institute*, 86 (6): 419-420 (March 16, 1994)
- Interview: Feature article on farm hazards, *Louisville Courier-Journal*, pp. H1-2 (July 25, 1993)
- Featured guest, *Health First Magazine*: 30-minute discussion of agricultural health and safety initiatives in the College of Medicine, WKYT-TV, Lexington (August 1993)
- Interview: Research and Graduate Studies Communication and Advancement Office magazine: *Science and You* (1993)
- Press conference with Kentucky Governor Brereton Jones, Medical College Dean Emery Wilson and Medical Center Chancellor Peter Bosomworth: Announcement of NIOSH and WK Kellogg funding to prevent occupational health hazards in agriculture. WKYT-TV, WLEX-TV, WTVQ-TV, *Lexington Herald-Leader*, *USA Today* (October 1992)

Teaching and Advising:

- Current: Coordinator, **Agricultural Populations Emphasis Area** of MPH and DrPH Programs, College of Public Health (2001 – present).
Course Director: **Health of Agricultural Populations** (PM 770-002), 3 credit hours (2002 – present).
Course Director: **Injury Epidemiology and Control** (SPH 810), 3 credit hours (1999 – present).
- Past: Course Director: **Research Design in Public Health** (Preventive Medicine 675), 4 credit hours, (1997-99)
Course director, **Epidemiology** (Preventive Medicine 521), 4 credit hours (1990-1995)
Course director, **Topics in Advanced Epidemiology** (Preventive Medicine 621), 2 credit hours (1991-1994)
Coordinator of epidemiology and biostatistics sections, **Preventive Medicine & Environmental Health** (PM 821); for second year medical students (1990-93)

New Courses Developed:

- Injury Epidemiology and Control** (3 semester hours). Taught 1999, 2002, 2004
Health of Agricultural Populations (3 semester hours). Taught 2003, 2005
Research Design in Public Health (4 semester hours). Taught in 1998
Advanced Topics in Epidemiology (2 semester hours). Taught 1991 to 1994

Course Substantially Revised:

- Epidemiology** (4 semester hours). Taught 1990 to 1995

Funding for Teaching:

Health of Agricultural Populations Emphasis Area (2001-2006), a subcomponent of the CDC/NIOSH Southeast Center for Agricultural Health and Injury Prevention Center grant, provided funds for coursework development, student support, and student travel for MPH and DrPH students emphasizing agricultural health/safety in four departments: Health Behavior; Epidemiology; Health Services Management; Preventive Medicine/Environmental Health.

Total = approximately \$67,526 per year (5-year total: \$337,129)

Teaching and Advising (continued):

Doctoral Committees (* served as Chair):

Lisa Cave, PhD candidate, College of Business (2004)
* Phyllis Bryden, DrPH candidate (2003 – 2005)
Lisa Whitis, PhD program, Dept. of Statistics (1994–96)

Master's Committees, MPH Program (* served as Chair):

* Maria Gomez, 2005
Steve Prather, 2004
Andrea Davis Brown, 2004

Master's Committees, MSPH Program (* served as Chair):

2002:	*Phyllis Bryden, BS (winner of 2002 Student Research Award from School of Public Health)	
1999:	Tim Kelly, BS	
1997:	*Sue Billings, DVM	
1996:	*Sara Dawson, MA John Keane, BA	*John Stea, MD
1994:	*Abraham Mouton, MD Chipper Griffith, MD	Lynn Price, DMD Pamella Shaw, DMD
1993:	Andy Kazmers, MD Scott Prince, MD	Eric Levine, MD PhD
1992:	*Richard Lorenz, MD	Daniel Wolens, MD
1991:	Craig Tokowitz, MD Jeff Kelefant, MD	Michael Auslander, DVM Robert Collins, MD

Other:

DrPH Student Practicum
Phyllis Bryden (2002 – 2005)
Nancy Johnson (2003 – 2005)

Independent Study

Phyllis Bryden, MPH Student (Spring 2001)

Clinical practicum preceptor (Fall 1999)

Deirdre Lay, MSN student, UK College of Nursing (NUR 614)

Independent study for residents in Preventive Medicine, (PM770, PM780, PM790)

J. Stea, MD A. Mouton, MD R. Lorenz, MD

Supervisor, summer work-study activities for medical students.

Lauren Larson (1994)
Scott Hoffman (1991)
Leslie Husband (1990)