

Christopher C. King, PhD, CSP, CHMM
Curriculum Vitae

Work Experience:

Saint Louis University School of Public Health, 1997 - Present
Assistant Professor and Director, Center for Environmental Education and Training

West Virginia University, National Environmental Training Center for Small Communities, Associate Faculty, 1997-2007

Lamar University, Orange, TX, 1996
Assistant Professor, Director of Environmental Programs

Crowder College, Neosho, MO 1987-1995
Academic Instructor in Environmental Technology Program; Research Manager

University of Louisville, Louisville KY, 1985-1987, Graduate Teaching Assistant

Lebanon High School, Lebanon, MO 1981-1985, Secondary Science Teacher

Education:

Degrees

Doctor of Philosophy, Public Policy Analysis, Saint Louis University, December, 2012

Master of Science, Biology, University of Louisville, Louisville, KY, 1995

Bachelor of Science, Biology, Missouri State University, 1981

Selected Continuing Education

Maritime Industries Occupational Safety and Health Trainer Course, Saint Louis University, September 2012.

AgroTerrorism Train-the-trainer Course, AgTerror Center, Kirkwood Community College, Cedar Rapids, IA, June 16-18, 2004

Disaster Worker Preparedness Trainer Course, National Institutes of Environmental Health Sciences, 2004

OSHA Trainer Course in Safety and Health for General Industry – OSHA Training Institute, 2003

OSHA Trainer Course in Safety and Health for Construction – OSHA Training Institute, 2003

Lead Abatement Supervisor, Saint Louis University School of Public Health, 1998

Lead Risk Assessor, Saint Louis University School of Public Health, 1998

Lead Abatement Contractor, Saint Louis University School of Public Health, 1998

Lead Inspector, Environmental Training Center, St. Louis, MO, 1997

Developing Brownfield Training Programs, HMTRI, 1997

Pollution Prevention Workshop, Missouri Water Pollution Control Federation, 1989

Hazardous Waste Operations and Emergency Response, Kirkwood

Community College, 1987
Biosolids Management Workshop, Crowder College, 1988
Train-the-trainer Workshop, National Environmental Training Association,
1988
Constructed Wetlands Technology Workshop, Missouri Water Pollution
Control Federation, 1988

Professional Service:

OSHA Training Institute Education Center Liaison to OSH Advisory Committees, 2015
to present
Committee Member, Project Clear, St. Louis Metropolitan Sewer District, 2013 to
present
Chairperson, Essentials of Hazardous Materials Management Course,
Gateway Society of Hazardous Materials Managers, 1998 to present
Chairperson, Greater St. Louis Safety and Health Conference, 2007 to
present
Instructor, Building Operator Certification Program, Midwest Energy
Efficiency Alliance, Chicago, IL, 2005 to present
Member, SMART about Water, National Working Committee, USEPA, 2008
Chairperson, Curriculum Committee, OSHA Training Institute Education
Centers, 2004-2006
Member, Missouri Onsite Wastewater Treatment Regulation Review
Committee, Missouri Department of Health, 1999
Chairperson, Student Activities Committee, Missouri Water Environment
Federation, 1993-1996
Technical Reviewer, Industrial and Hazardous Materials Handling and
Treatment, Water Environment Federation, 1995
Technical Reviewer, Assessing the Financial Health of Your Water
Treatment System, United States Environmental Protection Agency,
Office of Water Programs, 1993
President, Faculty Senate, Crowder College, 1993
Chairperson, Campus Safety Committee, Crowder College, 1992
Chairperson, Wetlands and Aquaculture Committee, Missouri Water
Environment Federation, 1989-1992
Member, Pollution Prevention Incentive Program, Steering Committee,
Missouri Department of Natural Resources, 1990-1991
Member, Household Hazardous Waste Project, Steering Committee, 1989-
1990
Participant, Pollution Prevention Project Committee, Missouri Department
of Natural Resources, 1989

Publications:

King, C.C., Assessing Wastewater Options for Small Communities: A

- Guide for Local Officials. National Environmental Training Center for Small Communities, West Virginia University, Morgantown WV. 1998
- King, C.C., Assessing Wastewater Options for Small Communities: A Train-the-Trainer Program. National Environmental Training Center for Small Communities, West Virginia University, Morgantown WV. 1998
- King, C.C., Hazardous Waste Operations and Emergency Response for Water and Wastewater Treatment Facilities. H&R Environmental Consultants, Neosho, Missouri, 1997
- Lindsay, L.L., **King, C.C.**, Wooters, T.F. Operations of Overland Flow Wastewater Treatment Systems. United States Environmental Protection Agency, 1992
- King, C.C., Lindsay, L.L., Financial Management Guidebook for Missouri Wastewater Treatment Facilities, Small Flows Clearing House, West Virginia University, Morgantown, WV. 1988.
- Stevenson, R.J., Peterson, C.P., **King, C.C.**, 1991. Succession and Ecological Strategies of Benthic Diatoms (Bacillariophyceae): Density – Dependent growth and Effects of Nutrients, Journal of Phycology.
- Voss, Robert, et. al., 1986. Ecological Field Exercises for Secondary Students. (Contributing Author) University of Michigan, Ann Arbor MI. 1986

Contracts and Grants

- C. King (PI) College for Public Health and Social Justice
Environmental Remediation Job Training Program, U.S. Environmental Protection Agency, Washington, DC, through St. Louis Community College. 2015-2018
- C. King (PI) Saint Louis University School of Public Health.
Environmental Workforce Job Training, U.S. Environmental Protection Agency, Washington, DC, through St. Louis Community College. 2013-2016.
- C. King (PI) Saint Louis University School of Public Health.
Green Technology Job Training Program, US Department of Labor, (Through UAW and St. Louis Community College) 2011-2012
- C. King (PI) Saint Louis University School of Public Health.
Brownfield Redevelopment Training Program, U.S. Environmental Protection Agency, Washington, DC, through St. Louis Community College. 2009-2012.
- C. King (PI) Saint Louis University School of Public Health. OSHA Training Institute, US Department of Labor, Arlington Heights, IL 2003-present

- C. King (Co-PI, Roger Lewis (PI), Saint Louis University School of Public Health. "Development of a sustainable business model for the distribution of point of use water filters in the Dominican Republic". National Collegiate Inventors and Innovators Association. January 2008 – June 2009
- C. King (Co-Investigator) Saint Louis University School of Public Health. "Strengthening local capacity for remediation in the Mantaro river basin through environmental management for sustainable development." CARITAS de Huancayo (An agency of the Archdiocese of Huancayo, Peru). Fondo Italo-Peruano (The Italian Peruvian Fund). August 2006-Continueing.
- C. King (Contractor) Saint Louis University School of Public Health. Minority Training Program, National Institute of Environmental Health Sciences, Washington, DC. 2006-2010. April 2006 – August 2008.
- C. King (Contractor) H&R Environmental, USEPA Top Ten Steps for Improving Security at Wastewater Facilities, National Environmental Resource Center, West Virginia University. April 2005 – March 2006.
- C. King (PI) Saint Louis University School of Public Health. Lead Hazard Curriculum Project, Missouri Department of Health and Senior Services, Jefferson City, MO 2004-2005
- C. King (Contractor) Saint Louis University School of Public Health. Brownfield Redevelopment Training Program, U.S. Environmental Protection Agency, Washington, DC. 2004-2006
- C. King (Contractor) Saint Louis University School of Public Health. Training and Control Technologies for Weapons of Mass Destruction, National Science Foundation, Washington D.C., 2003-2006
- C. King (Contractor) Saint Louis University School of Public Health. Security Improvements for Small Water Systems. West Virginia University, Morgantown, WV. 2003
- C. King (Contractor) Saint Louis University School of Public Health. Protecting your Communities Assets, A guide for small wastewater systems. West Virginia University, Morgantown, WV. 2002
- C. King (Co-PI) Saint Louis University School of Public Health. Worker Institute for Safety and Health Ergonomics Program. Occupational Safety and Health Administration, Cincinnati OH, 2001-2002.
- C. King (Contractor) Saint Louis University School of Public Health.

- Distance delivery of Assessing Wastewater Options curriculum. West Virginia University, Morgantown, WV, 2001.
- C. King (Contractor) Saint Louis University School of Public Health. Brownfield Training Development Program. U.S. Environmental Protection Agency, Washington, DC. 2000-2006.
- C. King, (PI), Saint Louis University School of Public Health. Statewide delivery of Assessing Wastewater Options for Small Communities Curriculum. Missouri Department of Economic Development, Community Development Block Grant Program. 1999-2000.
- C. King (PI), Saint Louis University School of Public Health. Assessing Wastewater Options for Small Communities Train-the-Trainer Program. Environmental Equity Grant, U.S. Environmental Protection Agency Region 7, Kansas City, KS. 1998-1999.
- C. King (Contractor), H&R Environmental Consultants, Inc. Assessing Wastewater Options Curriculum Development Project, West Virginia University, Morgantown, WV. 1997-1998.
- C. King (Co-PI), R.G. Evans (PI). Saint Louis University School of Public Health. Environmental Concerns in Real Estate. U.S. Environmental Protection Agency, Region 7, Kansas City, KS. 1997-1998.
- C. King (Contractor), Lamar University. Needs Assessment for a RCRA TSD Facility (Dupont Chemical), Orange TX. 1996.
- C. King (Contractor), Lamar University. Environmental Technology Education Program. Texas Department of Secondary Education, Orange, TX. 1996.
- C. King (PI), Crowder College, Elk River Basin Water Quality Study. Office of Water Pollution Control, Missouri Department of Natural Resources, Jefferson City, MO, 1989-1996.
- C. King (Contractor), CF Consultants. Operator Certification Program Development Project. Arizona Department of Environmental Quality, Phoenix, Arizona. 1991-1996.
- C. King (PI), George Washington Carver National Monument Water Quality Study. National Park Service, George Washington National Monument, Diamond, MO. 1987-1993.
- C. King (PI), Crowder College. Meir Farm Energy Recovery Project (Water

- Quality Investigation Component). University of Missouri Extension, Monett, Missouri. 1991-1993.
- C. King (Contractor), Crowder College. Lake Lamar Water Quality Study. Parsons-Engineering-Science, St. Louis, Missouri. 1992.
- C. King (Co-PI), Lorene Lindsay (PI), Crowder college. Operation of Overland Flow Wastewater Treatment Systems Operator Training Curriculum. U.S. Environmental Protection Agency, Washington, DC. 1990-1992.
- C. King (PI), Crowder College. Financial Guidebook For Missouri Municipalities. National Small Flows Clearing house, West Virginia University, Morgantown, West Virginia. 1987-1988.

Selected Presentations and Training Delivered

- Regional Impact of a Microfinance Plus Program in the Dominican Republic. European Conference on Microfinance, Geneva, Switzerland, June 2015
- Indoor Air Quality: Simple exercises to do with your students. National Partnership for Environmental Technology Education Instructor Conference, Lakewood WA, August 2013
- Evaluating the Impact of a Microfinance Plus Program in the Dominican Republic. European Conference on Microfinance, Kristiansand Norway, June 2013
- What Every Contractor Needs to Know About OSHA. National Painters and Decorators Association National Conference, St. Louis, MO. March 2013
- The ABC's of Indoor Air Quality, Greater St. Louis Safety and Health Conference, October 2012.
- Improve your company's bottom line while preparing for an OSHA Audit. Governor's Conference on Economic Development, St. Louis, MO 2012
- Brownfield Development Activities at Saint Louis University North Central Partnership for Environmental Training and Education Conference, St. Louis, MO 2007
- Decentralized Wastewater Systems in Developing Countries Pre-conference Workshop. USA Inter-American Association of Sanitary Engineering and Environmental Sciences, Chicago, IL, March 28, 2006
- Safety Training: Challenges and Opportunities in General Industry. Safety

- Across High Consequence Industries, Saint Louis University, March 2004
- Protecting Your Community's Assets
US Environmental Protection Agency 104g Conference, Buffalo, NY 2003
- Security Improvements for Small Water Systems, Train the trainer courses
Morgantown, WV 2003
Denver, CO 2003
San Diego, CA 2003
Kansas City, MO 2003
Manchester, NH 2003
- Opportunities in Environmental Careers
Partnering for a Healthy Environment: Government, business, Teachers and Community. Collinsville, IL, 2001
- Assessing Wastewater Options for Small Communities
New River Partners, Wytheville, VA. 2000
Conservation Fund, Chapel Hill, NC. 2000
- Assessing Wastewater Options Train-the-trainer
West Virginia University Summer Institute, Morgantown, WV. 2000-2006
Midwest Assistance Program 20th Anniversary Conference, Minneapolis, MN. 1999
Northwest Regional Community Assistance Program (RCAP), Seattle, WA. 1998
- Competency Based Training for Hazardous Materials Technicians.
National Environmental Training Association, Seattle Washington, 1993
- Natural Systems for Wastewater Treatment. Springfield, Missouri, Missouri Rural Water Association, 1992
- Inventory of Constructed Wetlands in Missouri. Springfield, Missouri, University of Missouri Extension Conference, 1990
- The Effects of Shading on Succession of Benthic Algal Communities in Artificial Streams. North American Benthological Society, Orno Maine. 1987
- Rates of Succession in Benthic Algal Communities. North American Diatom Symposium, Hancock Biological Station, Wisconsin. 1987.

Academic Courses Taught (graduate level) Credit Hours*Saint Louis University College for Public Health and Social Justice*

EOH 5000 Introduction to Environmental Health 3

EOH 5220 Occupational Safety and Health 3

EOH 5290 Laboratory for Environmental and Occupational Health 3

University of North Texas School of Public Health 3

EOHS 5300 Essentials of Environmental Health

Academic Courses Taught (undergraduate)*Crowder College*

Advanced Sampling and Analysis 4

Ecology of Streams 2

Environmental Microbiology 5

Industrial Health and Safety 3

Hazardous Material Regulations 3

Wastewater Treatment 5

Special Topics: Ecology of Ozark Streams 2

Lamar University

Introduction to Safety and Environmental Regulations 3

Introduction to Environmental Technology 3

Hazardous Waste Operations and Emergency Response 3

Continuing Education Courses Taught (Selected)Contact Hours

Activated Sludge Treatment Processes 16

Advanced Biomonitoring of Wastewater 16

Advanced Wastewater Treatment 16

Asbestos Inspector 24

Asbestos Supervisor 40

Assessing Wastewater Options for Small Communities 8

Assessing Wastewater Options: Train-the-trainer 16

Basic Electric Controls 16

Basic Wastewater Treatment 80

Biomonitoring of Wastewater 8

Confined Space Entry 16

Control of Chemical and Biological Hazards 24

Disaster Site Worker Train the Trainer 32

Identification and Control of Filamentous Organisms
in Activated Sludge 16

Industrial Spill Response 24

Intermediate Electric Motor Control 16

Hazardous Waste Operations and Emergency Response	40
Land Application of Municipal Wastewater Sludge	16
Lead Inspector	24
Lead Risk Assessor	16
Lead Abatement Worker	24
Lead Abatement Supervisor	32
Lead Repair, Remodeling and Renovation course	8
Operation and Maintenance of Overland Flow Wastewater Systems	16
OSHA 500 OSHA Construction Industry Train the Trainer	32
OSHA 501 OSHA General Industry Train the Trainer	32
Train-the-trainer: Instructional Technology	16
Wastewater Laboratory	40
Electrical Safety Standards	32
Permit Required Confined Spaces	24
Introduction to Safety and Health Management	8
Accident Investigation	16
Introduction to Industrial Hygiene	32
Hazardous Waste Site Worker	40

Community Service:

St. Louis Metropolitan Sewer District, Project Clear, 2013 to present

Esperanza International Inc., Impact Evaluation of Microfinance and Related Programs. Santo Domingo, Dominican Republic, 2011 to present.

Consultation for an International Graduate Students Survey
Conducted by the Associate Dean of Graduate Education in the College of Arts and Sciences, SLU, November 2010

St. Louis Metropolitan Sewer District, Clean Rivers, Healthy Communities Initiative Advisory Committee, March 2007 - 2009

Incident of Diarrheal Disease Survey, El Anil, Dominican Republic, 2007

Lead Toxicity Study, La Oroya Peru, August 2005-2007

Grace Hill Ad Hoc Lead Program Committee, 2004 - 2006

St. Louis Lead Prevention Coalition, St. Louis, MO, 2000- Present

Household Water Filtration Project, Olancho Honduras, 2000-2004

Water Quality Training, Olancho, Honduras, 1999

Hurricane Relief Work, Olancho, Honduras 1998

Newton County Local Emergency Planning Commission,
Chairperson, Hazardous Materials Committee, 1994-1996
Project Director, Traffic Hazard Analysis Project,
Project Director, Stationary Hazard Analysis Project

George Washington Carver National Monument Environmental Advisory Committee, Diamond, MO 1987-1990

Solid Waste Advisory Committee, City of Neosho, MO 1991-1993

Honors:

ACPA - College Educators International, National Student Research Award, 2010
National Science Foundation Fellowship: University of Northern Iowa,
Advanced Technology in Environmental Education Curriculum
(ATEEC) Program, 1997
University of Louisville Graduate Research Assistance, 1986
University of Michigan Biological Station Graduate Research Scholarship,
1986
National Science Foundation Fellowship (Project Assist), University of
Michigan, 1985

Professional Certifications and Licenses

Certified Safety Professional, Board of Certified Safety Professionals, 2009
Building Operator Certification Program Courses, Midwest Energy
Efficiency Association, Authorized instructor, 2006-Present
Missouri On-Site Wastewater System Installer, 2005 (Expired)
Missouri On-Site Wastewater Inspector, 2005 (Expired)
Certified Hazardous Materials Manager (CHMM), Master Level, 2004
OSHA Authorized Trainer for Construction, 2001
Lead Risk Assessor, Missouri Department of Health, 1999
OSHA Authorized Trainer for General Industry, 1997
Certified Environmental Trainer (CET), National Environmental Training
Association, 1988 (Expired)
Missouri Solid Waste Technician License, Missouri Department of Natural
Resources, 1989 (Expired)
Missouri Class "A" Wastewater Certification of Examination, Missouri
Department of Natural Resources, 1988 (Expired)

Professional Memberships

American Industrial Hygiene Association, 2015 to present
American Public Health Association, 2014 to present
American Society of Safety Engineers, 2005-present
Academy of Hazardous Material Managers, 2004 – Present
Gateway Society of Hazardous Materials Manager, 1997-Present
National Environmental Health and Safety Training Association, 1987- 1995
Water Environment Federation, 1987-1996
Missouri Water Environment Federation, 1987-1997
Missouri Waste Control Coalition, 1988-1991