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# Using Joint Fact-Finding to Resolve Disputes Over Cleanup of Hazardous Waste Sites

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# Curriculum Vitae

Professor R. Steven Konkel, Ph.D. AICP FRIPH

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#### **POSITIONS**

Sr. Research Fellow, Health and Environment, Dublin Institute of Technology. Appointed 1 Oct. 2008. 2-Year Fixed-term contract following on year spent at DIT Cathal Brugha Street, School of Food Science and Environmental Health.

Remit: Progress an All-Island Research Institute for Health and Environment.

During Academic Year 2007-08, Dr. Konkel was selected by the Irish-American Fulbright Commission; he served as a U.S. Fulbright Scholar at the Dublin Institute of Technology, School of Food Science and Environmental Health.

Associate Professor, Eastern Kentucky University, Dept. of Environmental Health Sciences (1998 - 2010). On extended leave (secondment) to DIT Faculty of Science from beginning of year as a U.S. Fulbright Scholar. Earned sabbatical.

### EXTERNAL EXAMINER AND CURRICULUM ASSESSMENT POSITIONS (INTERNATIONAL)

External Examiner, U. of Birmingham, Edgbaston Birmingham UK, 2008/09, reappointment 2009/10. Programs: MSc ir Public and Environmental Health Sciences, MSc in Environmental Health

Curriculum Assessor, Occupational Safety and Health Unit, Faculty of Medicine and Health Sciences Universiti Putra Malaysia (UPM)

#### RESEARCH FUNDING

Total Funding Earned (from January 2004): \$ 410,000

Period	Funding Agency and amount (\$)	Title of Research Project / Center of Excellence	
2008-2010	Internal DIT \$240,000	All-Island research institute, Health & Environment	
2007– 2008	Irish-American Fulbright Commission and Eastern Kentucky U. Sabbatical Award, \$120,000	U.S. Fulbright Scholar, Health & Environment	
2004- 2007	Alaska Native Tribal Health Consortium \$50,000	Program Evaluation, Yukon-Kuskokwim Delta Pilot Program, Drinking Water & Sanitation Facilities	

#### RESEARCH TO DATE

2007 – 2010. Co-founder and Group Leader in Environmental Health Policy and Planning of an Irish all-Island research institute - the **Environmental Health Sciences Institute (EHSI)**. A consortium of partners is committed to research

and policy analysis connecting health to the Irish environment on the island of Ireland. The Consortium tackling design and evaluation of environmental health interventions is comprised of the following:

- o DIT, encompassing five faculties and numerous schools within the faculties
- o Dublin City University, the U. of Ulster, and academic institutions in Ireland and N. Ireland
- o The Institute for Public Health in Ireland
- o Health Services Executive, specifically, Environmental Health Services
- Dublin City Council
- o The Environmental Health Officers' Association, Bray, Co. Wicklow, Republic of Ireland

Strategic partners of the EHS Institute consortium also include institutions in the USA; most prominent partners an MIT, Harvard U., the National Council for Science and the Environment, and the National Environmental Healt Association (NEHA). In the United Kingdom the Consortium is working with the Chartered Institute of Environmental Health (CIEH) and CIEH- N. Ireland, both of which are professional associations prominent in Environmental Health i their countries. Funded by the Irish Higher Education Authority (HEA) on July 16, 2010. 12,490,000€, approx. \$1 MM US dollars for establishing the Institute, construction of a purpose-built research building at DIT's new Grangegorman campus.

2008. One of 35 national experts selected for Centers for Disease Control & Prevention (CDC) National Center fo Environmental Health (NCEH) project, "Guidance for Public Health Officials on Drought Planning and Response Atlanta: Centers for Disease Control and Prevention, National Center for Environmental Health (CDC/ NCEH) September.

2007-08. U.S. Fulbright Scholar, Ireland.

2005/06. Healthy Housing Reference Manual, last updated in 1975. Wrote Chapter 13, "Energy Efficiency" and editer several chapters with Prof. Joe E. Beck. Work was extensively peer-reviewed by DHHS and CDC's National Center for Environmental Health. Hard copy & CD-ROM.

#### PROFESSIONAL EXPERIENCE (Career from Harvard Masters through MIT Ph.D. and past 20 years)

Aug 07 - Sept. 2010 Professor, Dublin Institute of Technology, Dublin, Ireland		
Jan 03 - Present	Associate Professor, Environmental Health Science, Eastern	
	Kentucky University, Richmond, KY	
Aug 01 - May 06	Graduate Program Coordinator, The Graduate Program—	
	Master in Public Health Environmental Health Science option	
Aug 98 - Dec 02	Assistant Professor, Dept. of Environmental Health Science, EKU.	
Sept 95 - Aug 98	ept 95 - Aug 98 Principal, Konkel & Company & KCK Cella LLC, Bothell, WA	
June 92 - Aug 95	92 - Aug 95 Sr. Research Scientist, Energy and Environmental Policy, Battelle	
	Pacific Northwest National Laboratory (PNNL), Technology Planning	
	Analysis Center, Richland, WA	
July 85 - May 92	Research Associate, MIT-Harvard Public Disputes Program,	
	Coordinator, MIT Faculty Seminar on Risk Management	
Mar 84 - June 85	Principal, Konkel Environmental Consultants, Juneau, Alaska	
June 82 - Feb 84 Policy and Program Analyst, Office of the Governor, Division of		

Policy Development and Planning, State of Alaska, Juneau, AK

Nov 79 - May 82 Principal, Konkel Environmental Consultants, Mill Valley, CA

June 77 - Oct 79 Cost-Benefit Analyst, Economic Analysis Section, Energy Division, Oak Ridge National Laboratory, Oak Ridge, TN

June 75 - May 77 Environmental Planner, E. C. Jordan Company, Portland, Maine

#### ACADEMIC QUALIFICATIONS

Qualification	Subject Area	Awarding Body	Month/Year Awarded
Ph.D.	Urban & Regional Planning (Environmental Planning & Policy)	Massachusetts Institute of Technology, Cambridge, MA (USA)	September 1991
MCP Master in City Planning	Environmental & Natural Resources Planning	Harvard University Graduate School of Design (HGSD), Cambridge, MA (USA)	June 1975
BSc Bachelor of Science	Architectural Engineering	University of Colorado, Boulder (USA)	May 1972

#### PROFESSIONAL PROFILE

Dr. Konkel has over 25 years of cumulative professional practice, including recent work as a Sr. Research Fellow, Health & Environment at the Dublin Institute of Technology. Co-Founder of an All-island research institute focused on the integration of health and environment. He has also worked as a Sr. Research Scientist in two National Laboratories, Oak Ridge and Pacific Northwest National Laboratory in Richland, WA., as well as a Policy Analyst in the Office of the Governor, State of Alaska, during Gov. Jay Hammond's second Administration. Prof. Konkel has spent the major part of his career teaching, conducting research, and working on interdisciplinary, professionally diverse teams.

#### AREAS OF TECHNICAL EXPERTISE

Environmental Impact Assessment

Evaluated the environmental impacts of numerous large-scale energy projects, including renewable energy sources as well as coal-fired generation, light-water reactors, solvent-refined coal liquefaction, and coal-slurry pipelines. Responsible for sections of impact statements on need for the facility, social and economic impacts, and assessment of alternative sites.

Public Policy Analysis and Legislative Research

At Pacific Northwest National Laboratory, assessed Superfund Reauthorization policy issues. A position paper was written for the Assistant Secretary of Environmental Management at the U.S. Department of Energy Headquarters in Washington, DC. While in Alaska's Office of the Governor, assessed the effectiveness of 19 programs affecting rural energy use.

#### Strategic Planning and Facilitation

Conducted strategic and program planning for major Department of Energy (DOE) Program Secretarial Offices. Planning processes determined budget allocation among Offices and budget request by the Assistant Secretary for Environment, Safety and Health (EH-1), with budgets exceeding \$250 million per year. For the Environmental Management (EM) program at DOE Headquarters, developed a planning process and implementation plans for the 1993-97 time frame for the Office of Safety and Health Oversight (EM-20).

Environmental Policy, Dispute Resolution, and Technical Mediation

For the Environmental and Occupational/ Public Health Standards Steering Group, provided technical assistance and led consensus-building on three top issues in Superfund Reauthorization. National Laboratory Directors at 14 national laboratories affiliated with the Dept. of Energy created the Group in 1990; its charge was to organize a broad, long-term educational outreach and research program to improve scientific and public understanding of the risks associated with hazardous substances in the workplace and the environment, particularly in the nuclear weapons complex. Organized *Land Use Policy and Environmental Restoration: A Look into DOE's Future*.

At Oak Ridge National Laboratory (ORNL), worked with a public utility, regulatory agencies at the state and federal level, and economists at ORNL to evaluate the demand and supply of electricity in the New York and New England Power Pools, and to evaluate applications for construction permits and operating licenses. The cost/benefit analysis methodology used a social discount rate for project evaluation.

Technology Assessment and Risk Management

For the Dutch government, Ministry of Housing, Physical Planning, and the Environment, analyzed three U.S. case studies involving siting a LNG terminal in Boston Harbor, siting a trash-to-energy plant in New York City, and development of a Massachusetts policy governing Carbaryl and its application in gypsy moth population outbreaks.

For the Department of the U.S. Army Chemical Stockpile Disposal Program, designed and implemented a research study recommended by the National Academy of Science/ National Research Council. The methodology utilized basec focus groups and interviews with community leaders to report on community risk perceptions.

Energy and Environment Research

At Massachusetts Institute of Technology, conducted research of cleanup of hazardous waste sites by testing hypotheses regarding how joint fact-finding assisted parties in meeting their interests and achieving fair, efficient, wise, and stable solutions to cleanup problems.

Analyzed the *Energy Policy Act of 1992* for the Pacific Northwest Laboratory Energy Directorate, characterizing programs and budgets, and monitoring DOE-wide implementation. Also, conducted policy analysis and planning for the Assistant Secretary of Conservation and Renewable Energy in the Dept. of Energy.

#### PROFESSIONAL ASSOCIATION ROLES AND ACTIVITY

- o American Planning Association. Charter Member. Credential: American Institute of Certified Planners (AICP)
- o American Public Health Association, Environment Section, Member
- o Elected Fellow of the Royal Institute of Public Health, London, England, UK in 2003 Credential: FRIPH
- Kentucky Public Health Association, Member
- National Council for Science and the Environment, representative for the Dublin Institute of Technology in the Council of Environmental Deans and Directors (CEDD), University Affiliate Program (160+ universities)
- National Environmental Health Association, Member and Technical Section Chair, Environmental Health Research, Environmental Health Research Coordinator, 2010-2012, renewable

#### PEER REVIEW EDITOR

Peer Review Editor, *Journal of Environmental Health*, published by the National Environmental Health Association (NEHA). 2000—2009.

#### SELECTED PUBLICATIONS

Konkel, R. Steven, T. Lewis, S. Buckley and P. Rodriguez. 2011. "Re-Engineering Environmental Health for Challenging Times." *Proceedings* of the 75<sup>th</sup> Annual Educational Conference of the National Environmental Health Association. Denver, CO: NEHA. 20 June. Also available from the Chartered Institute of Environmental Health (CIEH), 15 Hatfields, Chadwick Court, London UK.

Konkel, R. Steven, D. Evans, and M. Mulcahy. 2010. "A Journey with a Clear Destination: Environmental Health Research." Environmental Health Officers' Association Yearbook. Bray. 2009/10 Yearbook. Available from EHOA, Heraghty House, 4 Carlton Terrace, Novara Ave. Bray, County Wicklow Ireland Tel. +353 1 276-1211.

Devereux, M., R. Steven Konkel, et. al. 2009. "PRTLI (Programme for Research in Third-Level Institutions) Irish Higher Education Authority Proposal, "Environmental Health Sciences Institute" Cycle 5, Phase 2, Vol. 5. Dublin Institute of Technology. July 16. [Funded under Cycle 5]

Brennan, M., S. Konkel and T. Lewis. 2008. "Developing an International Competence-Based Curriculum for Environmental Health." Presented at the 10<sup>th</sup> World Congress on Environmental Health, Brisbane, Australia, International Federation of Environmental Health Proceedings. Available from the Chartered Institute of Environmental Health, Hatfield Ct., London, England, United Kingdom

Konkel, R. Steven. 2007. Rural Utility Cooperative Final Evaluation Report. Anchorage, Alaska: Alaska Native Tribal Health Consortium (ANTHC), Department of Tribal Utility Support, Oct.

Konkel, R. Steven. 2006. Chapter 13: Energy Efficiency, in *Healthy Housing Reference Manual Centers* for Disease Control and Prevention (CDC), National Center for Environmental Health (NCEH) and the Department of Health and Human Services (DHHS), Dept. of Housing and Urban Development (HUD). Also served as a Co-editor for the Manual with Professor Joe E. Beck.

Konkel, R. Steven and Joe E. Beck. 2006. *An Integrated Approach to Educating Working Environmental Health Practitioners*. <u>Proceedings of the International Faculty Forum in Environmental Health</u>, Dublin, IRELAND. Sun. June 18, 2006. Dublin Institute of Technology. Dublin, Ireland.

Beck, Joe E. and R. Steven Konkel. 2006. *Environmental Health as the Safety Net for Influenza Immunizations*- *Protecting the Population or the Individual at Risk: The U.S. Public Health Dilemma*. <u>Proceedings of the 9<sup>th</sup> World Congress on Environmental Health, Environmental Health Officers Association [United Kingdom] International Federation of Environmental Health. June 20, 2006. Trinity College, Dublin</u>

Konkel, R. Steven, Ed Lohr, John Spriggs, Troy Ritter, and Kris Hadden. 2005. Rural Utility Cooperative (RUC) Interin Progress Evaluation: Drinking Water Systems Demonstration Project in the Yukon-Kuskokwim Delta Region of Alaska. Anchorage, AK: Alaska Native Tribal Health Consortium (ANTHC), 1901 Bragaw St., Suite 200, Anchorage, AK 99508. November. 45pp.

Konkel, R. Steven, T. Fisher, et. al. 2004. Musculoskeletal Injuries Associated with Selected University Staff and Faculty in an Office Environment. <u>WORK: A Journal of Prevention, Assessment & Rehabilitation</u>. Amsterdam, The Netherlands: IOS Press. Vol. 22 (3): 195-205, Spring.

Konkel, R. Steven, Darryl Barnett, Joe Beck, and Worley Johnson. 2003. "Environmental Health in Public Health. Chapter 21 in <u>Principles of Public Health Practice</u> by Douglas Scutchfield and C. William Keck. Delmar Publishers, Thompson Publishing.

Konkel, R. Steven and Joe E. Beck. 1999. Participatory Planning. Occupational Health and Safety. Dallas, TX: Stevens Publishing Company. August. 97-103.

## Additional Refereed Journal Articles, Book Chapters, Grants, and Peer-Reviewed Publications

Konkel, R. Steven et. al. 2003. Musculoskeletal Injuries Associated with Selected University Staff and Faculty in an Office Environment. U. of Cincinnati Education and Research Center, University of Cincinnati Dept. of Occupational and Environmental Health. [Proceedings of the Third Annual Pilot Research Project Symposium, Oct. 10 & 11, 2002].

Available on Compact Disc.

Konkel, R. Steven and Tom Fisher. 2003. Musculoskeletal Injuries Associated with Selected University Staff and Faculty in an Office Environment, NIOSH Pilot Research Program Grant Award No. T421/CCT51040.

Konkel, R. Steven and Joe E. Beck. 2000. <u>Planning Jargon: Dismantling Communication Barriers</u>. Occupational Health and Safety. Dallas, TX: Stevens Publishing Company. August. 134-137

Konkel, R. Steven and Joe E. Beck. 2000. <u>Developing a Customer-First Attitude</u>. Occupational Health and Safety. Dallas, TX: Stevens Publishing Company. Vol. 69, No. 3, pp. 20-23 March.

Bradbury, J., K. Branch, J. Heerwagen, E. Liebow, and R. Steven Konkel. 1998. The Landscape of Reason: A Scheme for Representing Arguments Concerning Environment, Health, and Safety Effects of Chemical Weapons Disposal in the U.S., High Plains Anthropologist. Vol.18 (2), pp.115-126.

Konkel, R. Steven, R. Hunter, and D. Elcock. 1993. "CERCLA Reauthorization: Opportunities for Improving Remedy Selection and Resource Allocation." Prepared for the Assistant Secretary for Environmental Management by the Environmental and Occupational/ Public Health Standards Steering Group. U.S. Department of Energy (DOE). October.

Konkel, R. Steven. 1993. "Energy Policy Act of 1992 Impacts and Opportunities: Enhancing the Laboratory's Capabilities," in *Energy Programs Update*, PNNL Energy Program, Washington, DC. April.

Konkel, R. Steven. 1992. "Using Taxes, Fees and Other Economic Tools to Finance and Encourage the Protection of Wetlands and Coastal Waters," published in <u>Protecting Coastal and Wetlands Resources: A Guide for Local Governments</u>, with Industrial Economics, Inc. for the U.S. EPA, Office of Water; Office of Wetlands, Oceans and Watersheds & the Office of Policy, Planning and Evaluation (OPPE). *EPA Publication No. 842-R-92-002*. October.

Konkel, R. Steven. 1991. <u>Using Joint Fact-Finding to Resolve Disputes Over Cleanup of Hazardous Waste Sites.</u>
Doctoral Dissertation for MIT Ph.D. in Urban and Environmental Planning & Policy. MIT. Department of Urban Studies and Planning. Cambridge, MA. Sept.

Konkel, R. Steven and L. Susskind (Eds.), 1989. "Risk Management: Developing a Research Agenda," <u>Proceedings of the MIT Faculty Seminar on Risk Management</u>, sponsored by the MIT Center for Technology, Policy, & Industrial Development (CTPID) and the Science, Technology, and Society program. Publication CTPID 89-7. August.

Konkel, R. Steven (Ed). 1987. "Risk Assessment and Risk Management: A Perspective for Decision Makers." Proceedings of a Conference held at MIT Endicott House on Oct. 15, 1986. MIT CTPID.

Konkel, R. Steven. 1987. "Dioxin Emissions and Trash-to-Energy Plants in New York City:"

Environmental Impact Assessment Review, New York: Elsevier Science Pub. Vol. 7, No. 1. March.

Konkel, R. Steven. 1987. "Liquefied Natural Gas: Specter of a Marine Spill in Boston Harbor;" and

Environmental Impact Assessment Review, New York: Elsevier Science Pub. Vol. 7, No. 1. March.

Konkel, R. Steven. 1987. "Carbaryl and the Gypsy Moth: A Massachusetts Pesticide Controversy."

Environmental Impact Assessment Review, New York: Elsevier Science Pub. Vol. 7, No. 1. March.

Susskind, L., J. Marks, and R. Steven Konkel. 1986. Negotiating Better Superfund Settlements: Lessons from Experience and Recommendations for the Future. Chapter VI. Dispute Resolution, Part E. Mediated negotiation case studies. Prepared for the U.S. EPA, Office of Policy, Planning, & Evaluation, Washington, D.C.

#### RESEARCH GRANTS 1985-2003

National Institute of Occupational Safety and Health (NIOSH), 2002. Principal Investigator Research grant from the U. of Cincinnati, Education Research Center, Pilot Research Program. Musculoskeletal Injuries Associated with University Faculty/Staff in an Office Environment. Published in the journal WORK: A Journal of Prevention, Assessment &

Rehabilitation (IOS Press, 22(3): 195-205, 2004)

National Institute of Dispute Resolution (NIDR), Washington, DC. 1990. One of two

national awards. Supported MIT doctoral dissertation research in joint fact-finding and cleanup of hazardous waste sites.

Case study research in environmental dispute resolution theory building and evaluation of practices in environmental health planning and policy (Ph.D. Dissertation, MIT) Cabot Fellowship, MIT, Dean's Office, Architecture & Planning, Cambridge, MA.

Research on renewable energy alternatives conducted in Australia and the South and North Islands in New Zealand, 1988. Worked with the Parliamentary Commissioner for the Environment and colleagues at Victoria U., Wellington, New Zealand.

Sandia National Laboratory, Albuquerque, NM. Co-Principal Investigator. Committee on Risk Assessment and Risk Management in the National Laboratories.

Policy research on issues associated with the reauthorization of Superfund and potential ways of resolving policy differences. 1993-94. \$70,000

Environmental & Occupational/Public Health Standards Steering Group, sponsored by the National Laboratory Directors, U.S. Dept. of Energy. Role: Member and Technical Consultant. Represented the Pacific Northwest National Laboratory (PNNL) from 1992-1994. The Risk Assessment and Risk Management Group included representatives from PNNL, Ames National

Laboratory, Argonne National Laboratory, Brookhaven National Laboratory, Lawrence

Livermore Laboratory, Los Alamos National Laboratory, Oak Ridge National

Laboratory and Sandia National Laboratory. Funding: \$100,000 annually.

Organizer of the Future Use of Department of Energy Lands, Conference, held in Washington, D.C. in 1993.

Alternate Member of the US Department of Energy's Office of Technology Development (OTD) & the Laboratory Directors' Government-Science-Industry (GSI) Initiative, PNNL, 1994. Provided technical assistance to the Steering Committee.

U.S. Department of Energy, \$1.5 Million in strategic planning projects, 1991-96, including:

Hanford Future Land Use Project; Energy Policy Act of 1992 business plan & policy

analysis; also the Strategic Plans for the U.S. Dept. of Energy: Environmental

Management (EM) 1993-94; and Environmental Safety & Health Program Secretarial Offices, Washington, D.C.

Founding Editor, <u>Chronicle of the Association of Environmental Health Academic Programs</u>, Published in hard copy and was available (for a limited time) in electronic form on the AEHAP website, <u>www.aehap.org</u>

Konkel, R. Steven. 2001. "Eastern Kentucky University's Recruitment and Retention Strategy: The Graduate Program—Environmental Health Science," in the <u>Chronicle of the Association of Environmental Health Academic Programs</u>, U. of Washington, Dept. of Environmental Health. Vol. 2 (1): pp. 4-5. Dec.

Konkel, R. Steven and A. Tres, 2001. "Member Universities Tackle Recruitment as New Initiative," V 2 (1): pp. 3-4. December.

Konkel, R. Steven. 2001. "Progress Report on the National Center for Environmental Health Cooperative Agreement." V. 1 (3): pp. 1-2. June.

Konkel, R. Steven. 2000. "AEHAP / CDC National Center for Environmental Health Sign Cooperative Agreement." V. 1(2): pp. 1-2; and "More on the Ivory Tower: Recycling Anyone?" V.1 (2): pp. 4-5.

Konkel, R. Steven. 2000. "Founding of the New Association." V.1 (1): p. 1.

#### Most Recent Conference Presentations (2005-10)

Konkel, R. Steven. 2009. Developing an International Competency-Based Curriculum to Support the Education and Development of Current and Future Environmental Health Practitioners. 73<sup>rd</sup> Annual Educational Conference & Exhibition, National Environmental Health Association. Atlanta. June 21.

Blake, Robert G., R. Steven Konkel, Valeria Carlson, and Mark Miller. 2009. Using an Innovative Electronic Interface to Develop a Public Health Guidance Document for Drought Planning and Response. Atlanta, GA. 73<sup>rd</sup> Annual Educational Conference and Exhibition, National Environmental Health Association. Atlanta, Ga: June.

Blake, Robert G., R. Steven Konkel, Valeria Carlson, and Mark Miller. 2009. When Every Drop Counts: The Public Health Impact of Drought. Using an Innovative 73<sup>rd</sup> Annual Educational Conference and Exhibition, National Environmental Health Association. Atlanta, Ga: June.

Konkel, R. Steven. 2009. (Invited Global Health ¾ Local Environments Session) Achieving Relevance in the All-Island Context of a Smart Economy. <u>All Island Environmental Health Forum</u>. Sponsored by the Environmental Health Officers' Association in conjunction with the Chartered Institute of Environmental Health, N. Ireland. Athlone, Co. Westmeath, Ireland. May 21.

Konkel, R. Steven and Cmdr. John Spriggs. 2008. The Demise of Hauled Water and the 'Honey Bucket' in Rural and Remote Alaskan Communities: A Statewide Drinking Water and Sanitation Initiative Rolled Out in the Last Frontier. Tucson, AZ. 72<sup>nd</sup> Annual Education Conference, National Environmental Health Association. June 25.

Konkel, R. Steven. 2008. The Role of Universities in Sustainable Development. 10<sup>th</sup> World Congress on Environmenta Health. Brisbane, Australia. May 13.

Konkel, R. Steven. 2008. Increasing Research Capacity in Environment and Health: The All-Island Research Institute for Health and Environment, A Dublin Institute of Technology Initiative. Presented at the 54<sup>th</sup> Berlin Seminar for Fulbright Scholars, Park Inn Berlin, Alexandreplatz. April 7.

Konkel, R. Steven. 2007. "Moving EKU Toward Becoming A Green University." With Derek Adams. National Environmental Health Association's 71<sup>st</sup> Annual Education Conference and Exhibition, Atlantic City, New Jersey. June 20<sup>th</sup>.

Konkel, R. Steven. 2007. When the Siren Sounds: Community Preparedness for an Emergency at a Chemical Weapons Stockpile Site." With Bryan Makinen. National Environmental Health Association's 71<sup>st</sup> Annual Education Conference and Exhibition, Atlantic City, New Jersey. June 21<sup>st</sup>.

Konkel, R. Steven and Commander John Spriggs. 2006. Rural Utility Cooperative: An Innovative Approach to Developing Improved Management Capacity in Small Drinking Water Systems. June 28. San Antonio, TX. NEHA's 70<sup>th</sup> Annual Education Conference and Exhibition.

Konkel, R. Steven. 2006. Presentation to the National Environmental Health Association's Council of Delegates on Workforce Development, prepared by Prof. Joe E. Beck and colleagues. June 28. San Antonio, TX. NEHA's 70<sup>th</sup> Annual Education Conference and Exhibition.

Konkel, R. Steven. 2006. Environmental Health as the Safety Net for Influenza Immunizations ¾ Protecting the Population or the Individual at Risk: The U.S. Public Health Dilemma. The 9<sup>th</sup> World Congress on Environmental Health Environmental Health Officers Association [Republic of Ireland and the United Kingdom]. Organized by the International Federation of Environmental Health. June 20, 2006. Trinity College, Dublin IRELAND.

Konkel, R. Steven. 2006. An Integrated Approach to Educating Working Environmental Health Practitioners.

International Faculty Forum in Environmental Health, Dublin, IRELAND. Sun. June 18, 2006. Dublin Institute of Technology. Cathal Brugha St., Dublin.

Konkel, R. Steven. 2005. The Planner as Mediator. Fall Conference of the Kentucky Chapter of the American Planning Association. Frankfort, KY. Sept. 22.

#### FEDERAL GOVERNMENT PEER REVIEW PANELS

Peer Reviewer, National Academy of Sciences/National Research Council (NAS/NRC)

- Analysis of Engineering Design Studies for Chemical Demilitarization of Assembled Chemical Weapons at Blue Grass Army Depot, June 2002
- Evaluation of Demonstration Test Results of Alternative Technologies for Demilitarization of Assembled Chemical Weapons, A Supplemental Review for Demonstration II, Dec. 7, 2001
- Analysis of Engineering Design Studies for Demilitarization of Assembled Weapons at Pueblo Chemical Depot, Sept. 28, 2001.

# Peer Reviewer, Roundtable on Environmental Health Sciences, Research, and Medicine, Institute of Medicine of the National Academies

November 2004. Environmental Health Indicators: Bridging the Chasm of Public Health and the Environment. Workshop Summary. Lynn Goldman and Christine M. Coussens, Eds.

**Peer Reviewer**, EPA Science to Achieve Results (STAR) Program, Public Health, Feb. 28-March 1, 2001, Washington, D.C. Also selected by the EPA as a STAR reviewer while in Ireland.