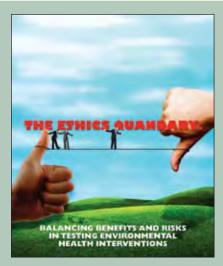
Environmental Health

Dedicated to the advancement of the environmental health professional

Volume 70, No. 6 January/February 2008



About the Cover:

The environmental health profession is increasingly tracking diseases, exposures, and the effectiveness of health interventions so that it can assess and prioritize its activities. Often this research involves the use of randomized controlled trials, which pose a number of ethical dilemmas. In fact, designing ethical research can be a delicate balancing act—much like the one pictured on our cover. This month's feature article, "Randomized Controlled Trials in Environmental Health Research: Ethical Issues," reviews some cases of ethical and unethical research, both from environmental health and from other fields, and offers readers some ways of distinguishing between ethical and unethical environmental health research. (See page 28)

COMING UP...

in the Journal of Environmental Health

- Cruise Ship Sanitation Inspections
- Portable XRF Analyzers for Measuring Lead
- Foodborne Microorganisms in Individually Wrapped Cheese
- Antimicrobial Resistance Isolated in Poultry Slaughterhouses
- Drinking Water Treatment Methods in Rural Tanzania

FEATURES

Environmental Health Specialists' Self-Reported Foodborne Illness Outbreak Investigation Practices	16
Septic Tank Additive Impacts on Microbial Populations	22
SPECIAL REPORT	
Randomized Controlled Trials in Environmental Health Research: Ethical Issues	28
INTERNATIONAL PERSPECTIVES	
	27
The Performance of UASB Reactors Treating High-Strength Wastewaters Sibel Aslan, M.D., and Nusret Şekerdağ, Ph.D.	32
Health-Related Quality of Life and Recognition of Desertification	
Among Inhabitants of the Loess Plateau Region of China:	
Findings for City and Village Communities	38
Haosheng Mu, M.D., Youichi Kurozawa, M.D., Ph.D., Kazuhiko Kotani, M.D., Ph.D., Guobin Liu, Ph.D., Pulin Liu, Ph.D., Atsushi Tsunekawa, Ph.D., Shunichiro Nishino,	
and Takehiko Y. Ito, Ph.D.	
A Vision for the Health Protection Workforce—And Challenges	
for the Future	44
Don Matheson and Graeme Gillespie	
COLUMNS	
President's Message: Getting Beyond Mandated Services	
Guest Commentary: Nanotechnology: Its Impact on Food Safety	47
Direct from CDC: Childhood Lead Poisoning Prevention: Getting the Job Done by 2010	56
Legal Briefs: Intentional Contamination: The Legal Risks and Responsibilities	
Managing Editor's Desk: On the Demise of Associations	
DEPARTMENTS	
	~ 1
Practical Stuff! Library Corner	
JEH Quiz #4	
Advertisers Index	
EH Update	
Products & Services	
NEHA News	
Special NEHA Members	
Special Listing	
Calendar	
	/

Cover photos: © Boris Yankov, Pali Rao, Christine Balderas/ iStockphoto; © Andres Rodriguez/ Dreamstime; © John Lund and Drew Kelly/ Blend Images/ Getty Images.