

SUSAN E. SPENGLER, MD, MSPH
Department of Preventive Medicine and Environmental Health
College of Public Health, University of Kentucky
121 Washington Ave., Rm 220, Lexington, KY 40536
e-mail: sspengl@uky.edu

EMPLOYMENT HISTORY

Clinical Associate Professor (0.5 FTE) Department of Preventive Medicine & Environmental Health, College of Public Health, University of Kentucky, Lexington, KY (Joint appointment in Department of Family and Community Medicine, College of Medicine, University of Kentucky)	7/00-present
Medical Director, Inpatient Rehabilitation Unit Site Director, University of Minnesota PM&R Residency Program Department of Physical Medicine & Rehabilitation St. Paul-Ramsey Medical Center, St. Paul, MN	10/95-3/97

EDUCATION

Masters of Science in Public Health	Graduate School, Preventive Medicine University of Kentucky Lexington, KY	8/02
Residency Training	Occupational and Environmental Medicine Department of Preventive Medicine University of Kentucky Hospital Lexington, KY	8/97-7/00
Residency Training	Physical Medicine and Rehabilitation Department of Rehabilitation Medicine University of Wisconsin Hospital & Clinics Madison, WI	7/92-7/95
Medical Internship	Internal Medicine, Department of Internal Medicine University of Wisconsin Hospital & Clinics Madison, WI	7/91-7/92
Doctor of Medicine	Medical College of Pennsylvania Philadelphia, PA	5/91
Bachelor of Arts	Department of Chemistry State University of New York at Binghamton Binghamton, NY	9/82

CURRENT PROFESSIONAL ACTIVITIES (As part of University of Kentucky position)

Medical Director (consultant) for the corporate headquarters of Lexmark International, Inc. (3000 employees) in Lexington, KY. Duties include: corporate medical policy development; injured worker evaluations; consultant to company industrial hygienists; on-site ergonomic evaluations; international travel consultations.

Clinical Physician at Kentucky Clinic South, University of Kentucky, Preventive Medicine and Environmental Health Clinic. Duties include: general occupational medicine, e.g. international travel consultations; MRO functions; DOT examinations; fitness for work determinations; treatment and evaluation of injured workers; chemical exposure evaluations; IME's; Dept. of Worker's Compensation evaluations; social security examinations; respirator physicals.

Medical Consultant, Energy Employees Occupational Illness Compensation Program (EEOICP), Office of Worker's Compensation Programs, U.S. Department of Labor. (Appointment active as of 2/28/06). Provide specialist review of medical evidence and offer medical opinion to determine compensation entitlement under the EEOICP.

Medical Staff appointment, Department of Veteran's Affairs Medical Center, Lexington, KY (0.125 FTE). Duties include Employee Health duties, protocol development, resident teaching. Serve as Medical Review Officer for the Lexington VAMC facilities (appointed 10/2010). Serve as a member of Accident Review Board (appointed 2010) and Laboratory Animal Research Advisory Board (appointed 2010).

TEACHING ACTIVITIES (University of Kentucky)

Instruct and lecture Occupational Medicine residents in University of Kentucky clinical, VAMC, and Lexmark International, Inc. rotations. Lecture in Thursday didactics.

College of Public Health, EH 921 (Professional Seminar in Environmental Health). Invited lecture, 04/07/10.

College of Public Health, EH 921 (Professional Seminar in Environmental Health). Invited lecture, 04/08/09.

College of Public Health, EH 921 (Professional Seminar in Environmental Health). Invited lecture, 03/26/08.

College of Public Health, CPH 601 (Occupational and Environmental Health): Annual lecture to Masters of Public Health students: "Management of Corporate Medical Programs".

College of Public Health, CPH 778 (Special Topics in Health Services Management: Public Health Preparedness Planning). Invited lecture: "Preparing for an Influenza Pandemic", 10/06.

College of Medicine, Physical Medicine & Rehabilitation resident lecture series. Invited lecture: "Occupational & Environmental Medicine", 9/05 & 5/08.

College of Medicine, MD 815 (Patient Centered Medicine). Physician faculty facilitator for class of first year medical students, 11/7/06

RECENT PROFESSIONAL AND RESEARCH ACTIVITIES

Invited lecturer for The Little Clinic, Grand Rounds (10/28/10).

Invited manuscript reviewer for Journal of American Board of Family Practice (2006).

Investigator on CDC-funded grant (7/00-5/01). In conjunction with the Kentucky Department of Public Health, grant looked at cardiovascular risk factors in the state's population. Duties included designing and administering survey of workplace heart-healthy practices, collecting and analyzing data and supervising research assistant.

LICENSES AND CERTIFICATIONS

Diplomate (Board Certified), American Board of Physical Medicine & Rehabilitation	1997-2017
Certified MRO, American Association of Medical Review Officer	2004-2014
Board Certified, Occupational & Environmental Medicine American Board of Preventive Medicine	2003-2013
State of Kentucky Medical License	1997-2011
AHA Basic Life Support	1991-6/11

COMMITTEES / TASK FORCES

University of Kentucky, Physical Medicine & Rehabilitation Residency Advisory Committee	3/04-present
University of Kentucky, Occupational Medicine Residency Advisory Committee	1/01-present
University of Kentucky, College of Public Health, Global Health Committee	2007
Kentucky Cardiovascular Health Coalition	1/01-5/01
Thesis committee member for:	
Delena Webb (MPH-12/2010); Peace Jessa (MPH-2005);	
Yahya Al Rayyes (MPH-2005); Virginia Bibb-Golden (MPH-2004);	
Dale Garrett (MPH-2003); Robin Shouse (MSPH-2002)	

PROFESSIONAL AFFILIATIONS

American College of Occupational & Environmental Medicine	1998-present
Kentucky Chapter, Occupational & Environmental Medicine	1998-present
American Academy of Physical Medicine & Rehabilitation	1993-2007
American Medical Association	1994-2006
Southern Medical Association	1999-2003

HONORS AND AWARDS

Chief resident (acting), Department of Preventive Medicine & Environmental Health, University of Kentucky	1/00-7/00
National Institutes of Health Summer Research Fellowship Department of Rehabilitation Medicine, NIH Clinical Center	1990
Alpha Omega Alpha, Medical College of Pennsylvania	1989
Extraordinary Contribution Award, AT&T Bell Laboratories	1986
American Chemical Society Outstanding Senior Award SUNY at Binghamton	1982
Phi Beta Kappa, SUNY at Binghamton	1981

PRIOR WORK EXPERIENCES

Senior Technical Associate, AT&T Bell Laboratories Murray Hill, NJ, Department of Solid State Chemistry	1982-1986
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REFERENCES

T. Scott Prince, MD, MSPH, Associate Professor, Clinical Services Director. Department of Preventive Medicine & Environmental Health, College of Public Health, University of Kentucky.

Raymond F. Garman, MD, MPH, Associate Professor, Occupational & Environmental Medicine Residency Director. Department of Preventive Medicine & Environmental Health, College of Public Health, University of Kentucky.

Philip Curd, MD, MSPH, Assistant Professor. Department of Preventive Medicine & Environmental Health, College of Public Health, University of Kentucky.

RESEARCH AND PUBLICATIONS

- 1) "Is Your Business Ready? Pandemic Preparedness: A Primer and Guide to Resources", Spengler S, *Occupational Health Tracker* 9(1): 3-7, Spring 2006. (Also at www.systoc.com).
- 2) "Sleep Deprivation and Injuries in Part-Time Kentucky Farmers: Impact of Self Reported Sleep Habits and Sleep Problems on Injury Risk", Spengler S, Browning S, Reed D, *AAOHN Journal* 52(9): 373-382, 2004.
- 3) "Sleep Deprivation and Injuries in Part-Time Kentucky Farmers", Master's of Science in Public Health thesis, Graduate School, University of Kentucky, Spengler SE: May 31, 2002.
- 4) "University of Kentucky Cardiovascular Health Grant" (CDC-funded in conjunction with KY State Department of Health), Curd P, Spengler SE (0.13 FTE Investigator, 1/01-5/01).
- 5) "Corporate Travel Medicine: Benefit Analysis of On-Site Services", Prince TS, Spengler SE, Collins TR, *J Travel Medicine* 8:163-166, 2001.
- 6) "Severe Headache Associated with Occupational Exposure to Stoddard Solvent", Prince TS, Spengler SE, *Occupational Medicine* 51(2): 136-138, 2001.
- 7) "Evaluation of Asbestos Exposure Risk: Northern Kentucky Youth Development Center", (Kentucky State Agency funded study/report), Spengler SE, Prince TS, 1999.
- 8) "National Electric Coil/Cooper Industries, Public Health Education Brochure", NEC Harlan County Superfund Project (CDC/ATSDR), Prince TS, Spengler SE, Horstman SW, 1999.
- 9) "The Activity of the Serratus Anterior During Exercise in the Water and on Land as Measured by a Clinical EMG Unit: a Follow-up Study" (Ramsey Research Foundation Grant #95F-03, St. Paul-Ramsey Medical Center), Spengler S, Poteat A, 1996.
- 10) "Prevalence of Deep Venous Thrombus in Children Admitted to PICU with Acute Immobility or Lower Extremity Paralysis" (University of Wisconsin Hospital & Clinics grant/study), McLeish D, Spengler S, Zimmerman J, Block M, 1995.
- 11) "Clonidine in the Treatment of Brainstem Spasticity: a Case Report", Sandford PR, Spengler SE, Sawasky KB, *Am J Phys Med Rehabil* 71: 301-303, 1992.

PRESENTATIONS

- 1) "Travel Medicine", Grand Rounds - Teleconference, The Little Clinic 10/28/10
- 2) "Vaccine Update", Kentucky Occupational & Environmental Medicine Association, Spring meeting, Lexington, KY 4/14/07
- 3) "Preparing for an Influenza Pandemic", Concurrent Session at 23rd Annual Summer Series on Aging, University of Kentucky Sanders -Brown Center on Aging, Lexington, KY 6/13/06
- 4) "Dealing with Influenza", Kentucky Occupational & Environmental Medicine Association, Spring meeting, Lexington, KY 4/22/06
- 5) "Occupational and Environmental Medicine", Eastern Kentucky University, Occupational Therapy Master's Degree Program 11/11/99
- 6) "Oh, My Aching Back", The Rheumatology & Arthritis Institute Spring Community Forum, Maplewood (MN) Community Center 5/21/96
- 7) "Heterotropic Ossification", Grand Rounds
Department of Rehabilitation Medicine
University of Wisconsin Hospital & Clinics, Madison, WI 12/2/94
- 8) "Myofascial Pain Syndrome", Resident Seminar
Department of Rehabilitation Medicine
University of Wisconsin Hospital & Clinics, Madison, WI 9/16/94
- 9) "The Hemiplegic Shoulder", Seminar, Department of Physical Medicine and Rehabilitation, Lutheran Hospital, LaCrosse, WI 3/28/94
- 10) "Inversion Ankle Sprain & Lateral Ankle Instability"
Grand Rounds, Department of Rehabilitation Medicine
University of Wisconsin Hospital and Clinics, Madison, WI 10/25/93
- 11) "Spinal Muscular Atrophy", Grand Rounds
Department of Rehabilitation Medicine
University of Wisconsin Hospital and Clinics, Madison, WI 4/26/93
- 12) "Etiology and Pathophysiology of Pressure Ulcers"
Resident Seminar, Department of Rehabilitation Medicine
University of Wisconsin Hospital and Clinics, Madison, WI 2/15/93
- 13) "Polymyositis and Dermatomyositis: Signs and Symptoms of Oropharyngeal Dysphagia", Grand Rounds
Department of Rehabilitation Medicine, Clinical Center
National Institutes of Health, Bethesda, MD
Susan E. Spengler, MD, MSPH, supplemental 8/10/90

OTHER PUBLICATIONS, ABSTRACTS AND PRESENTATIONS

- 1) "New Transition-Metal Substituted Cadmium Tellurides", Schneemeyer LF, Spengler SE, Waszczak JV, DiSalvo FJ, *Mater Lett* 4(3): 121-124, 1986
- 2) "Ion Selectivity in Nickel Hexacyanoferrate Films", Mid-Atlantic Region Meeting, American Chemical Society, Monmouth College, West Long Branch, NJ, 5/23/85
- 3) "NMR Study of the Charge-Density-Wave State in Single-Crystal $\text{Rb}_{0.30}\text{MoO}_3$ -The Effect of an Applied Electric Field", Douglass DC, Schneemeyer LF, Spengler SE, *Phys Rev B* 32(3): 1813-1815, 1985
- 4) "Transient Electrical Response of $\text{K}_{0.30}\text{MoO}_3$ -Effects of Isoelectronic Dopants", Schneemeyer LF, Fleming RM, Spengler SE, *Sol St Comm* 53(6): 505-508, 1985
- 5) "Nonlinear Transport in Molybdenum Oxide Bronzes", Schneemeyer LF, Spengler SE, Murphy DW, *Molec Cryst* 1 25(1-4): 41-49, 1985
- 6) "Ion Selectivity in Nickel Hexacyanoferrate Films on Electrode Surfaces", Schneemeyer LF, Spengler SE, *Inorg Chem* 24(19): 3044-3046, 1985
- 7) "Electrochemical Preparation of New Reduced Molybdenum Oxides", Schneemeyer LF, Spengler SE, *Abs Pap ACS* 189(Apr): 196, 1985
- 8) "Ion Insertion Chemistry of Metal Hexacyanoferrate Films on Electrode Surfaces", Schneemeyer LF, DiSalvo FJ, Spengler SE, Murphy DW, *Abs Pap ACS* 189(Apr): 120, 1985
- 9) "Dramatic Impurity Effects on the Charge-Density Wave in Potassium Molybdenum Bronze", Schneemeyer LF, DiSalvo FJ, Spengler SE, Waszczak JV, *Phys Rev B* 30(8): 4297-4301, 1984
- 10) "Preparation and Properties of Reduced Bismuth and Antimony Molybdenum Oxides", Schneemeyer LF, Spengler SE, DiSalvo FJ, Waszczak JV, *Mater Res B* 9(4): 525-529, 1984
- 11) "Electrochemical Crystal-Growth In the Cesium Molybdate Molybdenum Trioxide System", Schneemeyer LF, Spengler SE, DiSalvo FJ, Waszczak JV, Rice CE, *J Sol St Chem* 55(2): 158-164, 1984
- 12) "Solid-State Studies of New Cesium Molybdenum Oxide Bronzes", Schneemeyer LF, Spengler SE, Rice CE, *Abs Pap ACS* 186(Aug): 34, 1983