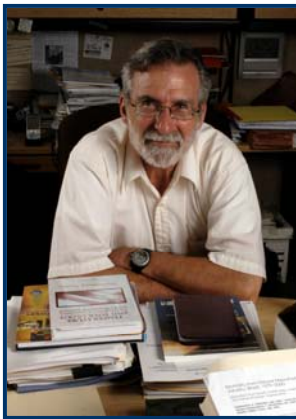


APRU World Institute Workshop
"The Role of Universities in Addressing Emerging Public Health Threats
in the Asia Pacific Region."

May 24-26, 2007
School of Public Health, Peking University

PROFILE



Marc SCHENKER
Professor and Chair
Department of Public Health Sciences
University of California at Davis

A. Positions and Honors

Internship, Residencies, Fellowships:

- 1973-1974 Internship, Medicine; University Hospital, Boston University Medical Center, Boston, MA.
- 1974-1975 Assistant Resident, Medicine; University Hospital, Boston Univ. Medical Center, Boston, MA.
- 1975-1976 Senior Resident, Medicine; Veterans Administration Hospital, Boston, MA.
- 1976-1977 Chief Medical Resident; Veterans Administration Hospital, Boston, MA.
- 1976-1977 Teaching Fellow in Medicine, Boston University School of Medicine, Boston, MA.
- 1977-1978 Pulmonary Fellow, Tufts-New England Medical Center, Boston, MA.
- 1978-1980 Research Fellow in Medicine, Peter Bent Brigham Hospital, Boston, MA.
- 1978-1980 Research Fellow in Medicine, Harvard Medical School, Boston, MA.

Academic Appointments:

- 1980-1983 Instructor in Medicine, Harvard Medical School, Boston, MA.
- 1983-1984 Lecturer on Medicine, Harvard Medical School, Boston, MA.
- 1983-1987 Assistant Professor of Medicine, University of California Davis, California.
- 1983- Director, Center for Occupational and Environmental Health (COEH), Davis Component.

- 1987-1995 Division Chief, Div of Occ/Env Medicine and Epidemiology, Dept. of Internal Med. U.C. Davis.
- 1987-1992 Associate Professor of Medicine, University of California Davis, California.
- 1990- Director, U.C. Agricultural Health and Safety Center at Davis.
- 1992- Professor of Medicine, University of California Davis, California.
- 1995- Department Chair, Department of Public Health Sciences, U.C. Davis, California.
- 2002 Visiting Scientist, National Institute of Public Health, Cuernavaca, Morelos, Mexico

Hospital Appointments:

- 1978-1983 Staff, Pulmonary Disease and Occupational Medicine Clinic, East Boston Neighborhood Health Center, East Boston, MA.
- 1983- Staff Physician, University of California at Davis Medical Center, Sacramento, California.
- 1983-1988 Director, Employee Health Service, U.C. Davis Medical Center, Sacramento, CA.
- 1983-1988 Director, Occupational and Environmental Medicine Clinic, Dept. of Internal Medicine, University of California Davis Medical Center, Sacramento, CA.
- 1984-1993 Director, Occupational Medicine Residency Program, U.C. Davis.
- 1989-2001 Medical Officer, Sacramento V.A. Outpatient Clinic, Sacramento, CA.
- 1995-2001 Medical Staff, V.A. Northern California System of Clinics, Department of Veterans Affairs.

Other Experience and Professional Memberships

- 1980-1984 Environmental Protection Agency, Clean Air Science Advisory Committee, Nitrogen Oxides
- 1985 Executive Committee for Institute for Environmental Health Research
- 1986-1989 Environmental Protection Agency, Director, Pesticide Farm Safety Center,
- 1986-1992 Environmental Protection Agency, Clean Air Science Advisory Committee
- 1988 Region 3 Cancer Surveillance Program Advisory Committee
- 1989 Chair, Region 3 Cancer Surveillance Program Advisory Committee
- 1989 Environmental Protection Agency, Joint SAB/CASAC Study Group on Lead
- 1990-1995 Board of Directors, Western Occupational and Environmental Medicine Association
- 1991-1998 Executive Board, National Coalition for Agricultural Safety and Health
- 1992-1994 Committee on World Lung Health, American Thoracic Society/American Lung Association
- 1992-1998 National Coalition for Agriculture Safety and Health Advisory Council
- 1993-1999 External Advisory Committee, Southeast Center for Agricultural Health and Injury Prevention
- 1996-1999 California Environmental Protection Agency, Pesticide Advisory Committee
- 1997 Scientific Advisory Committee, Pacific Northwest Agricultural Health and Safety Center
- 1998-1999 Council of Public Representatives Associate, National Institutes of Health

- 1999-2000 Committee on Health Effects Associated with Exposures Experienced During the Gulf War, Institute of Medicine, National Academy of Sciences, Washington DC.
- 1996- International Commission on Occupational Health (ICOH) Working Group on Agricultural Health
- 2002- Member, Executive Committee, EPICOH Epidemiology Committee on Occupational Health, of the International Commission of Occupational Health
- 1998- Associate Member, National Institutes of Health Director's Council of Public Representatives
- 2004-2005 Member, Scientific Advisory Board, Semiconductor Industries Association
- 2004 Member, Ad Hoc Clinical Sciences and Epidemiology Study Section, NIH
- 2006-2007 Member, NIOSH Study Section
- 2006-2010 Member, Safety and Occupational Health Study Section of the Centers for Disease Control and Prevention

Awards and Honors

- 1969 Senior Honor Society, University of California
- 1969 Phi Beta Kappa
- 1973 Alpha Omega Alpha Medical Honor Society, Alpha of California
- 1979 NIH Individual Research Fellowship Award
- 1982 George C. Griffith Scholarship, American College of Physicians
- 1986 Fellow, American College of Physicians
- 1993 Fulbright Senior Scientist Foreign Scholarship Award, France
- 1995 University of California Distinguished Wellness Lecturer
- 2005 Valuable Contribution to V Binational Health Week, California-Mexico Health Initiative
- 2006 U.C. Davis School of Medicine Appreciation Award for Mentoring

B. Selected peer-reviewed publications (in chronological order)

(from a total of 133)

1. Schenker MB, Gold EB, Lopez RL, Beaumont JJ. Asthma mortality in California, 1960-1989: Demographic patterns and occupational associations. *American Review of Respiratory Disease* 1993; 147:1454-1460.
2. Schenker MB, Vedal S. Occupational Asthma. In: Gershwin ME, Halpern GM, (Ed.). *Bronchial Asthma: Principles of Diagnosis and Treatment* (3rd Ed.). Humana Press, Totowa, New Jersey, 1994; pp. 619-637.
3. Farrar JA, Schenker MB, McCurdy SA, Morrin LA. Hazard Perceptions and Health Concerns of California Farm Operators. *Journal of Agromedicine*, 1995. Vol. 2(2) 27-40.
4. Schenker MB, Lopez R, Wintemute G. Farm-related fatalities among children in California. *American Journal of Public Health*, Jan 1995;85(1):89-92.
5. Weinbaum Z, Schenker MB, Gold EB, Samuels SJ, O'Malley MA. Risk factors for agricultural restricted organophosphate (OP)-related systemic illnesses in California. *Arch of Env. Health* 1995; 50(5):341-348.
6. Lawson RJ, Schenker MB, McCurdy SA, Jenkins B, Lischak LA, John W, Scales D. Exposure to Amorphous Silica Fibers and Other Particulate Matter During Rice Farming Operations. *Applied Occ and Environmental Hygiene*. 1995;10(8):677-684.
7. Schenker MB. Reproductive and other health effects of semiconductor work: the semiconductor health study. *American Journal of Industrial Medicine*. 1995;28(6):635-637.
8. Schenker MB, Jacobs JA. Respiratory effects of organic solvent exposure. *Tubercle and Lung Disease* 1996; 77:4-18.

9. Schenker MB. Reproductive health effects of glycol ether exposure in the semiconductor industry. *Occupational Hygiene*. 1996;2:367-372.
10. Schenker MB. International issues in agricultural health and safety. *Sacramento Medicine*. May 1996;11-12.
11. McCurdy SA, Ferguson TJ, Goldsmith DF, Parker JE, Schenker MB. Respiratory health of California rice farmers. *American Journal of Respiratory and Critical Care Medicine* 1996;153(5):1553-9.
12. Schenker MB. Preventive medicine and health promotion are overdue in the agriculture workplace. *Journal of Public Health Policy*. 1996;17(3):275-305.
13. Nieuwenhuijsen MJ, Schenker MB, Samuels SJ, Farrar JA, Green SS. Exposure to dust, noise and pesticides, their determinants and the use of protective equipment among California farm operators. *Applied Occupational and Environmental Hygiene*. 1996;11(10):1217-1225.
14. Weinbaum Z, Schenker MB, Gold EB, Samuels SJ, O'Malley MA. Risk factors for systemic illnesses following agricultural exposures to restricted organophosphates in California, 1984-1988. *American Journal of Industrial Medicine*. 1997;31:572-579.
15. Schenker MB. Biostatistics and Epidemiology. In: LaDou J, (ed.). *Textbook of Occupational Medicine*. Appleton and Lange Press, San Mateo, CA, 2nd edition. July 1997;783-804.
16. Nieuwenhuijsen MJ, Schenker MB, Saiki C, Samuels SJ, Green SS. Work patterns and self-reported exposure of California farm operators. *Applied Occupational and Environmental Hygiene*. 1997;12:685-690.
17. Schenker MB, Eaton M, Green R, Samuels S. Self-reported stress and reproductive health of women lawyers. *Journal of Occupational and Environmental Medicine*. June 1997;39(6):556-568.
18. Schenker MB. Migrant and seasonal farmworkers. *ILO Encyclopedia of Occupational Health and Safety*, Fourth Edition 1997; (3):64.7-8.
19. Nieuwenhuijsen MJ and Schenker MB. Determinants of personal dust exposure during field crop operations in California agriculture. *Am J Ind Hyg Ass J* 1998;59:9-13.
20. Schenker MB, Louie S, Mehler L and Albertson T. Pesticides. In: William N. Rom (Ed). *Environmental and Occupational Medicine*, 3rd Edition. Lippincott-Raven, Philadelphia/New York 1998; pp 1157-1172.
21. Schenker MB (Ed). Respiratory Health Hazards in Agriculture. *American Journal of Respiratory and Critical Care Medicine*, 158:5 (2), Nov 1998. S1-76.
22. Nieuwenhuijsen MJ and Schenker MB. Personal exposure to dust, endotoxin and crystalline silica in California agriculture. *Annals of Occ Hyg*, Jan 1999.
23. Orenstein MR, Schenker MB. Environmental Asbestos Exposure and Mesothelioma. *Current Opinion in Pulmonary Medicine*, July 2000; 6(4):371-377.
24. Schenker MB. Improving health and safety in the agricultural workplace. *Promoting Human Wellness: New Frontiers for Research, Practice, and Policy*. University of California Press. 2000; 586-614.
25. Schenker M. Exposures and health effects from inorganic agricultural dusts. *Env Hlth Persp*. Aug 2000;108 Suppl 4:661-664.
26. Leigh JP, McCurdy S and Schenker MB. Costs of occupational injuries in agriculture. *Public Health Reports*. 2001 May-June;116:235-248.
27. Leigh JP, Bowlus CL, Leistikow BN, Schenker M. Costs of Hepatitis C. *Arch Int Med*. 2001 Oct 8;161(18):2231-7.
28. Leigh JP, Romano PS, Schenker MB, Kreiss K. Costs of Occupational COPD and Asthma. *Chest*. 2002 Jan;121(1):264-72.
29. Schenker MB, Orenstein MR, and Samuels SJ. Use of Protective Equipment among California Farmers. *Am J of Ind Med*. 2002 Nov 42:455-464.
30. Kirkhorn SR, Schenker MB. Current health effects of agricultural work: respiratory disease, cancer, reproductive effects, musculoskeletal injuries, and pesticide-related illnesses. *J Agric Saf Health*. 2002 May;8(2):199-214.

31. Monso E, Schenker M, Radon K, Saiki C, Mararolas R, McCurdy S, Danuer B, Iversen M, Riu E, Nowak D. Region-related risk factors for respiratory symptoms in European and Californian farmers. *European Resp J*. 2003 Feb;21(2):323-31.
32. Susitaival P, Kirk J, Schenker MB. Atopic Symptoms among California Veterinarians. *Am J Ind Med*. 2003 44:
33. Schenker MB. Overview: Agriculture and Human Health. In: David J. Rapport, Lasley L, Rolston DE, Ole Nielsen N, Qualset CO, Damania AB. (Eds). *Managing for Healthy Ecosystems*. CRC Press LLC. Jan; 2003; pp.789-791.
34. Susitaival P, Beckman R, Samuels SJ, Schenker MB. Self-reported dermatitis and skin cancer in California farm operators. *Am J Ind Med*. 2004 Aug;46(2):136-41.
35. Lee K, Lawson RJ, Olenchock SA, Vallyathan V, Southard RJ, Thorne PS, Saiki C, Schenker MB. Personal exposures to inorganic and organic dust in manual harvest of California citrus and table grapes. *J Occup Environ Hyg*. 2004 Aug;1(8):505-14.
36. Schenker MB, Stoecklin M, Lee K, Lupercio R, Zeballos RJ, Enright P, Hennessy T, Beckett LA. Pulmonary function and exercise-associated changes with chronic low-level paraquat exposure. *Am J Respir Crit Care Med*. 2004 Oct 1;170(7):773-9. Epub 2004 Jun 30.
37. McCurdy SA, Farrar JA, Beaumont JJ, Samuels SJ, Green RS, Scott LC, Schenker MB. Nonfatal occupational injury among California farm operators. *J Agric Saf Health*. 2004 May;10(2):103-19.
38. Wu JD, Nieuwenhuijsen MJ, Samuels SJ, Lee K, Schenker MB. Identification of agricultural tasks important to cumulative exposures to inhalable and respirable dust in California. *AIHA J*, 2003 Nov-Dec;64(6):830-6.
39. Schenker M. Danger in the (farm) dust. *Int J Tuberc Lung Dis*. 2004 Nov;8(11):1277-8.
40. Bethel, J. W., and M. B. Schenker. 2005. Acculturation and Smoking Patterns Among Hispanics: A Review. *Am J Prev Med* 29(2):143-148.
41. Pan, X. L., H. W. Day, W. Wang, L. A. Beckett, and M. B. Schenker. 2005. Residential Proximity to Naturally Occurring Asbestos and Mesothelioma Risk in California. *Am J Respir Crit Care Med*. 2005 Oct 15; 172(8):1019-1025. Epub 2005 Jun 23.
42. Kasirye OC, Walsh JA, Romano PS, Beckett LA, Garcia JA, Elvine-Kreis B, Bethel JW, Schenker MB. Acculturation and Its Association with Health-Risk Behaviors in a Rural Latina Population. *Ethn Dis*. 2005 Autumn;15(4):733-739.
43. Schenker MB, Farrar JA, Mitchell DC, Green RS, Samuels SJ, Lawson RJ, McCurdy SA. Agricultural Dust Exposure and Respiratory Symptoms Among California Farm Operators. *J Occup Environ Med*. 2005 Nov 47(11):1157-66.
44. Hart JE, Laden F, Schenker MB, Garshick E. Chronic Obstructive Pulmonary Disease Mortality in Diesel Exposed Railroad Workers. *Environ Health Perspective* 2006; 114:1013–1017

C. Active Research Support (from a total of 63 Research Activities)

1. TITLE: UC Davis Agricultural Health & Safety Center
AGENCY: NIH/NIOSH
DATES: 10/1/01-9/30/06
2. TITLE: Study of Paraquat Exposure and Pulmonary Function Among Costa Rican Farmworkers
AGENCY: Syngenta Limited, Inc.
DATES: 05/01/03-06/30/04
3. TITLE: Determinants of Health among Mexican Migrants to California

AGENCY: California Mexico Health Initiative
DATES: 6/1/03-11/30/04

4. TITLE: Mexican Immigration to California: Agricultural Safety and Acculturation
(MICASA)

AGENCY: The California Endowment
DATES: 3/1/05-2/28/07

5. TITLE: International Curriculum to Develop Leaders in the Areas of the Impact of
the Access to Care
and the Quality of Health Care Delivery

AGENCY: UC Davis Office of Medical Education
DATES: 1/1/06-12/31/06

6. TITLE: Western Agricultural Health and Safety: Research to Practice Conference
Grant

AGENCY: NIH/NIOSH
DATES: 8/1/06-9/30/07