

Jonathan Borak, MD, DABT

Dr. Jonathan Borak is Associate Clinical Professor of Medicine, Epidemiology and Public Health at Yale University, a faculty member of the Yale Occupational and Environmental Medicine Program, and Director of the Yale University Interdisciplinary Risk Assessment Forum. He is also Adjunct Associate Professor of Occupational Medicine at Johns Hopkins University. Dr. Borak received his BA with Honors from Amherst College and earned his MD at New York University. He completed a residency in internal medicine at Montreal's Royal Victoria Hospital, was a Robert Wood Johnson Foundation Clinical Scholar at McGill University, and a Postdoctoral Fellow in Internal Medicine at Yale University. He is Board certified in Internal Medicine, Occupational Medicine, and Toxicology and is a Fellow of the American College of Physicians, the American College of Occupational and Environmental Medicine, and the Royal College of Physicians of Canada.

Dr. Borak's professional activities combine research, teaching, and consulting in the areas of toxicology, risk assessment and clinical medicine. He has published numerous peer-reviewed scientific articles and written or edited textbooks, monographs and book chapters on a variety of medical and scientific issues. He received the 2003 Adolph G. Kammer Merit in Authorship Award and the 2004 Robert A. Kehoe Award of Merit of the American College of Occupational and Environmental Medicine.

Dr. Borak is a founding member of US EPA's National Advisory Committee to Develop Acute Exposure Guideline Levels for Hazardous Substances (recipient of the 2000 Hammer Award of the National Partnership for Reinventing Government) and serves on the National Research Council Committee on Toxicologic Assessment of Low-Level Exposures to Chemical Warfare Agents. He is currently Chair of the Council on Scientific Affairs of the American College of Occupational and Environmental Medicine (ACOEM) and is a former member of the ACOEM Board of Directors. He has served on the National Faculty of the American Heart Association, as Councilor of the American College of Emergency Physicians, on National committees of the American Industrial Hygiene Association, as President of the Occupational and Environmental Medicine Association of Connecticut and as Chairman of the Connecticut State Medical Society Committee on Preventive Medicine and its Committee on Emergency Medical Services.

He is a member of the Editorial Boards of *Journal of Occupational and Environmental Medicine* and *Journal of Occupational and Environmental Hygiene*, was Associate Editor of *Occupational and Environmental Medicine Reports*, and has served as an editorial board reviewer for *Toxicology and Applied Pharmacology*, *Toxicological Sciences*, *American Industrial Hygiene Association Journal*, *Journal of Human and Ecological Risk Assessment*, *Toxicology and Industrial Health*, *Annals of Emergency Medicine*, and other peer-reviewed publications. He was editor and course director of the *Core Curriculum in Environmental Medicine* (ACOEM, 1994) was a Guest Editor and Peer Reviewer of ATSDR's *Case Studies in Environmental Medicine* and Peer Reviewer of ATSDR's *Toxicology Profiles*.

Jonathan Borak, MD: Representative Publications

Books and Monographs

Borak J, Callan M, Abbott W: *Hazardous Materials Exposure: Emergency Response and Patient Care*. Englewood Cliffs, NJ: Prentice Hall, 1991.

Medical Management Guidelines for Acute Chemical Exposures, (Principal authors: Borak J, Olsen K, Sublet V). Atlanta: Agency for Toxic Substances and Disease Registry, US Public Health Service, 1994.

Ducatman AM, Borak J: Investigating Disease Clusters. *Case Studies in Environmental Medicine*, Atlanta: US Agency for Toxic Substances and Disease Registry, 2002.

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Book Chapters

McKay CA, Borak J: Chlorine. In: Haddad LM, Winchester JF, Shannon M (eds): *Clinical Management of Poisoning and Drug Overdose (3rd edition)*. Philadelphia: WA Saunders, 1998.

Russi M, Borak J: Chemical Hazards in Health Care Institutions. In: Orford R (ed): *Occupational Health in the Healthcare Industry: Clinics in Occupational and Environmental Medicine*. Philadelphia: WA Saunders, 2001; 1:369-395

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Journal Articles

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Borak J, Sirianni G, Cohen HJ, Chemerynski S, Jongeneelen F: Biological vs. ambient exposure monitoring of creosote facility workers. *Journal of Occupational and Environmental Medicine* 44:310-319, 2002.

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Borak J, Sirianni G, Cohen HJ, Chemerynski S, Wheeler R: Comparison of NIOSH 5040 method versus aethalometer to monitor diesel particulate matter. *American Industrial Hygiene Association Journal*, 64:260-264, 2003.

Borak J, Fiellin M, Chemerynski S: Who is Hispanic? Implications for epidemiological research in the United States. *Epidemiology*, 15:240-244, 2004;

Borak J, Slade MD, Russi M: Risks of brain tumors in rubber workers: a meta-analysis. *Journal of Occupational and Environmental Medicine* 47:294-298, 2005.

Fields C, Dourson M, Borak J: Iodine-Deficient Vegetarians: A hypothetical perchlorate-susceptible population? *Regulatory Toxicology and Pharmacology*, 2005 (in press).