

## HARRY A. MILMAN, Ph.D.

*Consultant and Expert Witness in Toxicology, Carcinogenesis, Pharmacology,  
and Pharmacy*

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### RESUME

#### EXPERIENCE

1998-present                      ToxNetwork.com                      Rockville, MD  
*President*

- Consultant and Expert Witness (Defense, Plaintiff) in Toxicology, Carcinogenesis, Pharmacology, and Pharmacy Standard of Care to prestigious law firms, chemical companies, trade associations, public relations agencies, national and international organizations, and print and electronic media.

1990-1998                      US Environmental Protection Agency                      Washington, DC  
*Senior Science Advisor and Senior Toxicologist*  
*Risk Assessment Division, Office of Pollution Prevention and Toxics*

- Conducted numerous health evaluations and risk assessments on important environmental chemicals under Sections 4, 5 and 6 of the Toxic Substances Control Act;
- Managed the preparation of preliminary guidelines for “Risk-Risk Tradeoff”;
- Managed extramural contracts totaling hundreds of thousands of dollars;
- Advised the Director of the Health and Environmental Review Division of the Office of Toxic Substances on science issues in cancer, toxicology, chemical testing, and risk assessment; and
- Coordinated scientific activities between the Office of Pesticides and Toxic Substances of EPA, the National Toxicology Program of NIH, various other governmental agencies, and national and international health organizations and laboratories.

1989-1990                      US Environmental Protection Agency                      Washington, DC  
*Manager*  
*Analysis and Support Division, Office of Radiation Programs*

- Managed, provided guidance to and coordinated activities with staff from the Agency for Toxic Substances and Disease Registry related to the evaluation of the toxicology of radioactive substances.

1988-1989                      US Environmental Protection Agency                      Washington, DC  
*Senior Scientist*  
*Office of International Activities*

- Coordinated Agency participation in the Organization for Economic Cooperation and Development, the World Health Organization, the WHO-led United Nations International Program on Chemical Safety, and other United Nations specialized agencies; and
- Represented the Agency in dealing with the regulated community to ensure that it complied with US regulations concerning international shipments of hazardous wastes.

1980-1988                      US Environmental Protection Agency                      Washington, DC  
*Senior Toxicologist*  
*Health and Environmental Review Division, Office of Toxic Substances*

- As acting Team Leader, supervised a team of six scientists responsible for reviewing toxicology and cancer studies;
- Evaluated and validated cancer studies under Sections 4,5 and 6 of the Toxic Substances Control Act;
- Implemented a research program on the use of biochemical and immunological markers as early indicators of cancer in experimental animals; and
- Managed several extramural research projects.

1977-1980                      US National Cancer Institute, NIH                      Bethesda, MD  
*Pharmacologist*  
*National Toxicology Program, Carcinogenesis Testing Program*

- Managed, designed, monitored, and evaluated long-term animal cancer studies; and
- Coordinated testing activities between the US National Cancer Institute and the US National Institute of Environmental Health Sciences.

1970-1977                      US National Cancer Institute, NIH                      Bethesda, MD  
*Research Pharmacist*  
*Laboratory of Toxicology, Division of Cancer Treatment*

- Conducted research on anti-cancer drugs; and
- Discovered the enzyme “L-asparagine synthetase” in pancreas of mammalian and avian species.

1968-1970                      White Earth Indian Reservation                      White Earth, MN  
*Chief Pharmacist*

- Set up the first pharmacy in an outpatient clinic on an Indian reservation.

## PRESENTATIONS and PUBLICATIONS

- Organized, presented at or attended over 25 national or international conferences;
- Published over 70 scientific papers and abstracts on cancer, toxicology and pharmacology;
- Wrote and evaluated numerous hazard and risk assessments for the US Environmental Protection Agency;
- Edited 5 books including the *Handbook of Carcinogen Testing*, *Markers of Chemically Induced Cancer*, and *Biochemical Mechanisms and Regulation of Intercellular Communication*.

## MEMBERSHIP in PROFESSIONAL SCIENTIFIC and PHARMACEUTICAL SOCIETIES, ASSOCIATIONS, ORGANIZATIONS and ADVISORY COMMITTEES

- Society of Toxicology (SOT)
- National Capital Area Chapter of the Society of Toxicology (*President, '05-'06; Vice President, '04-'05; Councilor and Newsletter Editor, '00-'03*) (NCAC-SOT)
- American Society for Pharmacology and Experimental Therapeutics (ASPET)
- American Pharmacists Association (APhA)
- US Surgeon General C. Everett Koop's Scientist Professional Advisory Committee (*Chairman, '88-'89*)
- US Public Health Service Centennial Planning Committee
- Peer Reviewer – *Journal of Toxicology and Applied Pharmacology*
- Peer Reviewer – *Annals of Pharmacotherapy*

## LICENSES

- Pharmacist (*ret.*), MD and NY

## AWARDS

- US Public Health Service Citation ('84; '89; '90)
- US Public Health Service Commendation Medal ('80)
- US Environmental Protection Agency Bronze Medal for Commendable Service ('84)

## EDUCATION

- Ph.D. (*Pharmacology*), 1978 -- George Washington University, Washington, DC
- M.S. (*Pharmaceutics*), 1968 -- St. John's University, Jamaica, NY
- B.S. (*Pharmacy*), 1966 -- Columbia University, New York, NY

## MILITARY SERVICE

1968-1998      Commissioned Corps of the US Public Health Service  
*Captain (ret.)*