David G. Van Ormer

OBJECTIVE: **BIO-ANALYTICAL AND TOXICOLOGICAL SUPERVISION AND CONSULTATION,** emphasizing efficiency and relevance, where experience in regulatory toxicology, environmental and drug analysis, method and data evaluation produce proper risk assessments and toxicological decisions.

BACKGROUND: Project Planning and Method Development in Bio-Analysis and Toxicology; Technical Supervision; Data Evaluation and Risk Analysis; and College Teaching.

TRAINING:
Intern, Office of Toxic Substances, USEPA, 1987: Concepts of Structure Activity Relationships
Diplomate, American Board of Toxicology, 1985, 1990
Post-Graduate Toxicology Course, Massachusetts Institute of Technology, 1980
Post-Doctoral Intern, Pesticide Degradation Laboratory, USDA, 1973
PhD Analytical Chemistry, University of Maryland, 1972
M.S. - Chemistry, Penn State University
B.S. - Science Education, Penn State University

PROFESSIONAL ACTIVITIES:

Invited Seminar Presentations

1. "Data Requirements for Pesticide Adjuvants (Inerts)" (Workshop on Pesticide Registration, CPDA/ISSA/EPA--February 1990)

2. "SAR in Toxicology"
(Toxicology Branch/OPP/EPA - July 1988)

3. "Organophosphate Toxicity: Variability of Effects"
(Division of Pathology, Walter Reed Army Medical Center-April 1986)

Committee Memberships

1. **<u>Metabolism Peer Review Committee,</u> OPP/EPA (1989_)**

2. **<u>New Chemical Screen Committee,</u> OPP/EPA (1988-)**

3. **<u>Toxicological Profile for Pentachlorophenol,</u> ATSDR/USPHS, EPA (1988-89)**

4. **Project Advisory Group: The Effects of Pentachlorophenol and Dioxins on Animal Safety and Tissue Bioaccumulation, Center for Veterinary Medicine, FDA (1984-85)**

5. **Joint Committee on Dioxin Residues, USDA, FDA, NIEHS (including Dr. John Moore), and EPA (1979)**

Contributions to Documents Issued by Office of Pesticides, EPA (RPAR Documents and Registration Standards)

1. Developmental Toxicity: pentachlorophenol, hexa-dioxin
2. Immunotoxicity: pentachlorophenol, hexa-dioxin
3. Oncogenicity: pentachlorophenol, hexa-dioxin, inorganic arsenic, chloramben
4. Mutagenicity: chloramben

EMPLOYMENT HISTORY SINCE 1964:

Toxicology Reviewer, Office of Pesticides, USEPA, Washington, DC. Member of interdisciplinary group reviewing pesticide toxicity data, and producing risk assessments and toxicity classifications. (1977 to present).

Laboratory Supervisor, U.S. Army Environmental Hygiene Agency, Regional Division - North, Fort Meade, MD. Water pollution analysis by colorimetry, ion-selective electrodes, potentiometry, gas chromatography, atomic absorption, and classical techniques. (1975-1977)

Assistant Toxicologist, Office of the Chief Medical Examiner, Baltimore, MD. Quantitation of drugs and toxicants in postmortem samples by chromatographic and spectrometric methods. Supervision and instruction in spectrometric and TLC analysis.

Assistant Professor of chemistry (substitute) for analytical, instrumental, and general courses at Western Maryland College, Westminster, MD. (Also taught at Penn State, Hazleton Campus, 1959-1961.)

Biochemist (Capt.), U.S. Army Medical Research Institute of Infectious Diseases, Frederick, MD. Trace-metal changes and liver-cell

protein synthesis as function of infection. Clinical chemistry supervision, U.S. Army General Hospital in Vietnam.

PROFESSIONAL SOCIETIES:

Sigma Xi, Association of Government Toxicologists, Society forRisk Analysis, American Chemical Society, Society for Applied Spectroscopy, American Association for the Advancement of Science, U.S. Army Reserve (COL, Biochemist).

Member of Local Chapters: Society of Toxicology, American Industrial Hygiene Association, Society for Risk Analysis.

CITATIONS: Citation by the Surgeon General, U.S. Army; Commendation Letters from Deputy Assistant Administrator USEPA.

PUBLICATIONS:

1. Invited review chapter:

Van Ormer, D.G., "Atomic Absorption," Handbook of Spectrophotometric Data of Drugs, I. Sunshine, Ed., CRC Publishing Co. 1981).

2. Invited review article:

Van Ormer, D.G., "Atomic Absorption Analysis of Some Trace Metals of Toxicological Interest," Journal of Forensic Sciences, 20(4), 595-623 (1975).

3. Van Ormer, D.G. and Purdy, Wm. C. "The Determination of Manganese in Urine by Atomic Absorption Spectrometry," Analytica Chimica Acta, 64, 93 (1973).

4. The Trace Analysis of Manganese in Urine by Atomic Absorption Spectrometry. Ph.D. thesis, 1972; University of Maryland.

5. "Trace Elements." P. 235 to 241. In the Special Report to the Commission on Epidemiological Survey, Armed Forces Epidemiological Board, February 1968. U.S. Army Medical Unit, Ft. Detrick, Md. Presented at the Symposium on Infection and Metabolism, Walter Reed Army Institute of Research, Washington, D.C., September 1967.

6. Protein Synthesis by Liver Cell Components of Mice Infected with Diplococcus Pneumoniae. P.86-91. In Commission on Epidemiological Survey, Annual Report to the Armed Forces Epidemiological Board, Fiscal year 1965. U.S. Army Medical Unit, Ft. Detrick, Md. Presented at the Annual Meeting of the Commission on Epidemiological' Survey, Walter Reed Army Institute of Research, Washington, D.C., September 1965.

7. The Activity Coefficients of Hydrochloric Acid in Ethylene Carbonate-Water Solutions. M.S. thesis, January 1960; The Pennsylvania State University.

Citations in Citation Index (circa 1974).