

CONDENSED CURRICULUM VITAE

EDUCATION :: West Virginia Univ., B.S. Chemistry '59, M.S. Organic Chemistry '61; Medical College of Virginia, Ph.D. Pharmacology, '67; Univ. of Minnesota, Post Doctorate Neuropharmacol., Drug Absorption '68.

EMPLOYMENT//CONSULTANCIES :: Rockefeller Fndn./Govt. of Thailand, 68-71, Visit. Prof. Pharmacol.; Univ. of IL at Chicago, 71-83, Colleges of Pharmacy, Podiatric Med., School of Med. Dept. Pathology, Pharmacology, Toxicology, Pharmacometrics, Laboratory Admin.; Doctor's Data, Inc. '83-'88, Toxicol. and Nutrition Testing; Triodyne, Inc., '85-'90, Chemical Injury Consult.; TOX-I-CULL, Assoc., '88-present, Toxicology Consult.; ACCULab, Medical Testing, '94-present, Urine Drug Testing, Lab. Director.

RESEARCH PUBLICATIONS (19) :: Topics include Chemistry, Biochemical Pharmacology, Drug metabolism, Atomic and Molecular Nutrition & Toxicology, Pharmacology, Radiochemical Anatomic Disposition, Drug Absorption, Lead Exposures Perspectives, Behavioral Pharmacology/Toxicology, Natural Products and Marijuana studies, Urinary loss of elements with chelation.

RESEARCH ABSTRACTS (33) :: Topics include Neuropharmacology, Drug Interactions, Vitamin Analog Toxicities, EDTA effects on elemental status (Al, Zn, Cu, Pb, Mn), Behavioral Toxicology, Natural Product Efficacy, Radiochemical Disposition and metabolism, Drug effect models in primates, Diverse studies with drugs-of-abuse,

REVIEW ARTICLES (10) :: Environ. Toxicology, Drug Interactions, Natural Products Efficacy, Clinical and Forensic studies, Therapeutic Drug Monitoring, "Under-the-Influence of Alcohol", Lead exposures and Disposition.

GENERAL INFORMATION SCIENCE WRITINGS (7) :: Poppy seed Opioid chemicals, Urine Drug Screening, Chelation element loss in children, "Lead Poisoning ?" a NO-BRAINER, Breath Alcohol as a screening tool at best, Hydro-fracking –A toxic Arena ?.

STUDENT RESEARCH THESES TOPICS (9) :: Drug effects upon blood pressure, neurotransmitters, birth defects, effects of substituted pyridines, Hallucinogenic primate model for drug effects, effects of cannabinoids in cell cultures, lead level relationships with childhood behaviors.

BOOK :: "Survival in Toxic Environments" co-editor, Academic Press, 1974.

BOOK CHAPTERS (2) ::

Under the Influence of Marijuana ? 2015,

Marijuana Impaired, or, just Cannabinoid Positive ?? 2016.