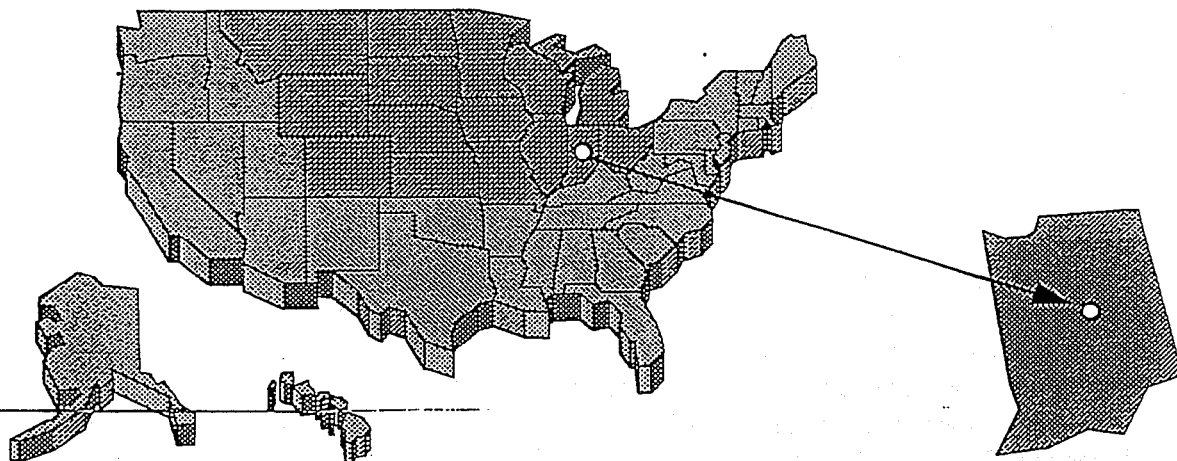


Recent Research on Forensic Alcohol Analysis

By

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Borkenstein Course, Indiana University
Bloomington, Indiana, May 14-19, 2000



Biographical Note

Alan Wayne Jones, BSc, PhD, DSc, works at the Department of Forensic Toxicology at the National Laboratory of Forensic Chemistry in Linköping, Sweden. He is also an Associate Professor in Alcohol Toxicology and an Adjunct Professor in Experimental Alcohol Research within the Institute for Biomedicine and Surgery of the University of Health Sciences in Linköping. After receiving a bachelors degree in chemistry (BSc) from the University of Wales, Cardiff, U.K. in 1969, Dr. Jones embarked on research for a PhD working on analytical and physiological aspects of blood- and breath-alcohol testing. The PhD degree was awarded in 1974 for a thesis entitled "*Equilibrium Partition Studies of Alcohol in Biological Fluids*." Dr. Jones began his postdoctoral studies at the Department of Alcohol Research, Karolinska Institute, Stockholm, Sweden and was appointed an Assistant Professor (Docent) in Experimental Alcohol Research in 1977. Dr. Jones continued his research on alcohol and drug addiction at the Karolinska Institute, until taking up his present appointment in 1985. More recently, Dr. Jones has been awarded the degree of Doctor of Science (DSc) by the University of Wales for his published work in the field of experimental alcohol research and toxicology. Between 1994-97 Dr. Jones was an Adjunct Professor at the Department of Pharmacology and Toxicology, Indiana University School of Medicine, Indianapolis, USA.

The Department of Forensic Chemistry where Dr. Jones is currently employed, has national responsibilities for analyzing alcohol and drugs of abuse in blood and urine specimens from impaired drivers apprehended in Sweden. Accordingly, Dr. Jones is regularly required to make expert statements in matters concerning driving under the influence of alcohol and drugs for both the defense and prosecution attorney. Moreover, Dr. Jones has been consulted by law enforcement agencies in other countries about various aspects of drinking and driving and the reliability of chemical tests for intoxication. On several occasions Dr. Jones has been invited to appear as an expert witness in important trials in Denmark, United States and in Great Britain.

In addition to his routine duties in forensic toxicology, Dr. Jones is actively engaged in experimental alcohol research. He has worked extensively on the analysis and distribution of ethanol in body fluids (blood, breath, plasma, urine, and saliva), the theory and practice of breath-alcohol analysis, and the metabolism and pharmacokinetics of ethanol. Dr. Jones regularly publishes his research in peer-reviewed scientific journals including the Journal of Forensic Sciences and his bibliography lists over 200 papers covering many different aspects of alcohol toxicology. In 1997, the International Council for Alcohol, Drugs, and Traffic Safety (ICADTS) presented Dr. Jones with the "Widmark Award" in recognition of his outstanding contributions to advancement of knowledge in the field of Alcohol, Drugs, and Traffic Safety. Among his international activities, Dr. Jones is an associate editor of the Journal of Traffic Medicine, a member of the Editorial Boards of Journal of Forensic Sciences (USA), Canadian Journal of Forensic Science, Forensic Science International, and Alcohol & Alcoholism. He also serves as *ad hoc* peer-reviewer for many forensic, clinical, toxicology, and alcohol research journals. Dr. Jones is a Fellow of the American Academy of Forensic Sciences, a member of the Forensic Science Society (UK), the American Association for Clinical Chemistry (AACC), the International Association of Forensic Toxicologists (TIAFT), the National Safety Council (USA) Committee on Alcohol and other Drugs (elected member) and the International Council on Alcohol, Drugs and Traffic Safety (elected member).

PUBLISHED WORK

A.W. Jones, BSc, PhD, DSc.

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