

International Association for Chemical Testing
Kurt M. Dubowski Award
Presented to Professor Alan Wayne Jones, BSc, PhD., DSc
April 24, 2017, Colorado Springs, CO

Introduction by Patrick Harding

It is my honor and pleasure to introduce Professor Alan Wayne Jones, BSc, PhD, DSc as the 2017 recipient of the International Association for Chemical Testing (IACT) Kurt M. Dubowski Award. The purpose of this award is *“To recognize individuals who have made outstanding career long contributions consistent with the ideals and achievements of University of Oklahoma George Lynn Cross Distinguished Professor of Medicine Dr. Kurt M. Dubowski. These contributions will be in the areas of chemical testing in relation to transportation or workplace safety.”* To that purpose there is perhaps no one more qualified than Dr. AW Jones, who has made significant contributions in at least three of the areas covered by the award: education, human factors and technology-toxicology.

Dr. Jones is well known to IACT members for his extensive published research in the field of alcohol and highway safety. His research has left a lasting influence on how IACT members practice forensic alcohol testing. Even after a cursory scan of his list of publications, it becomes immediately obvious that Dr. Jones is a prolific writer with an unsurpassed list of publications that numbers well over 400. Dr. Jones' research spans a wide range of topics including alcohol pharmacokinetics and pharmacology, the forensic measurement of alcohol in breath, blood, urine, serum, plasma and other matrices, the measurement of alcohol in clinical and post-mortem settings, the measurement and pharmacokinetics of non-ethyl alcohol volatile compounds encountered in forensic science and legal medicine, the measurement and incidence of other drugs in highway safety and post-mortem toxicology, the history of alcohol testing and its practitioners, investigations of the impact of many challenges to the validity of alcohol testing results, and the history of the discovery and development of illicit and non-illicit drugs.

In addition to his own publications Dr. Jones has contributed, and continues to contribute, to the peer-reviewed scientific literature by serving, or having served on the editorial boards of ten scientific journals and as an ad-hoc peer-reviewer for forty-six other international journals.

Alan Wayne Jones (he prefers Wayne) was born in Pontypridd, Wales, UK in 1945. In 1969 he obtained a BSc degree in Chemistry from the University of Cardiff, Wales. This was followed by a PhD in 1974 from the University of Wales, Cardiff for his thesis entitled *“Equilibrium Partition Studies of Alcohol in Biological Fluids”*. Wayne's academic career continued beyond those accomplishments and in 1993 he was awarded a senior doctorate degree (DSc) from the University of Wales for his thesis entitled *“Methods of Analysis, Distribution and Metabolism in the Body and Biological Effects of Alcohol and Narcotics.”*

In 1973 Wayne was accepted to study under Professor Leonard Goldberg, a famous and influential Swedish alcohol researcher and colleague of Professor Robert Borkestein, at the Karolinska Institute in Stockholm, thus beginning Wayne's long and continuing career in Sweden. Wayne went on to become the Head of the Alcohol Toxicology Section within the National Laboratory of Forensic Chemistry at the University Hospital in Linköping, where he remained until mandatory retirement in 2012. Through the years Wayne has had several academic appointments through his affiliation with the University Hospital, becoming a member of the medical faculty in 1988 and continuing through to his present appointment as a guest professor in Forensic Toxicology. During his long career at Sweden's National Laboratory of Forensic Medicine he oversaw alcohol toxicology testing for the entire country, in the process working on thousands of impaired driving cases. The data from those cases is the basis for many of Dr. Jones' papers. In addition, his association with the University Hospital provided him access to subjects and medical expertise to enable the experimental investigation of a wide range of research topics that would be otherwise exceedingly difficult to undertake.

Dr. Jones is very active in professional societies and committees, including:

- International Society for Biomedical Research on Alcoholism.
- International Association of Therapeutic Drug Monitoring.
- International Council on Alcohol, Drugs, and Traffic Safety.
- Forensic Science Society, UK.
- American Academy of Forensic Sciences.
- National Safety Council Alcohol, Drugs and Impairment Division.
- American Association for Clinical Chemistry (AACC).
- The International Association of Forensic Toxicologists (TIAFT).
- Fellow of the Royal Society of Medicine (UK)
- Swedish Society for Traffic Medicine.
- Swedish Society for Alcohol and Drug Research.
- International Association of Chemical Testing (IACT).

Wayne first became a Voting Member of IACT in 1994 and is currently an Emeritus member. He has been an active supporter of IACT throughout his tenure in our organization. He has presented at annual meetings and has published articles in the IACT Newsletter, helping to establish IACT as a leading professional organization in alcohol and highway safety.

As an educator of direct importance and influence to IACT members, Dr. Jones has been a prominent lecturer at the Robert F. Borkestein Course on Alcohol and Highway Safety since 1989, where he has shared his extensive knowledge and research with many hundreds of practicing toxicologists, criminalists, law enforcement officers and attorneys from the US, Canada and many other countries.

As befitting such an accomplished career scientist, Dr. Jones has received numerous awards recognizing his contributions. Among them are:

- Widmark Award from the International Council on Alcohol, Drugs and Traffic Safety in 1997
- Rolla N. Harger Award from the American Academy of Forensic Sciences Toxicology Section, 2002
- Robert F. Borckenstein Award from the National Safety Council, Committee on Alcohol and Other Drugs, 2004
- Alan Curry Award from The International Association of Forensic Toxicologists, 2011

Having had the opportunity over the years to get to know Dr. Jones better as a person, I am struck by his dedication to forensic science and his deep appreciation for those who have preceded him in contributing to the field. He started publishing his research in 1974 and hasn't stopped. And there are no signs of slowing down. Just last year in 2016 he authored or co-authored another 18 papers, book chapters or articles on topics including alcohol, drugs, profiles of scientists and the impact factors of forensic journals.

For his career-long dedication and contributions to forensic science, forensic toxicology and especially the principles and practice of blood and breath-alcohol analysis, I present and congratulate Dr. Alan Wayne Jones as a most deserving recipient of the Kurt M. Dubowski Award.