

CURRICULUM VITAE

**PROFESSOR M. DAVID OSSELTON BSc., PhD., CSc., CChem.
FRSC, FCSFS, FRSB, SFHEA**

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Qualifications 1967-1974 University of London
B.Sc. Biochemistry (1967-1971)
Ph.D. Biochemistry (1971-1974)

Professional Qualifications: Chartered Chemist (C.Chem.)
Chartered Scientist (C.Sc)
Senior Fellow of the Higher Education Academy (SFHEA)

Professional Affiliations: Fellow of the Royal Society of Chemistry (F.R.S.C.)
Fellow of the Royal Biological Society (FRBS)
Fellow of the Chartered Society of Forensic Sciences (FCSFS)

Current Employment: Consultant Forensic Toxicologist &
Head of Department of Archaeology, Anthropology and Forensic Science, Bournemouth University

Recent Employment History

2014 – present:	Head of Department of Archaeology, Anthropology and Forensic Sciences, Bournemouth University.
2007 - 2014	Head of Forensic & Biological Sciences, Bournemouth University.
2007 – present	Independent Consultant – Forensic Toxicology Services.
2003 – 2006	Business Manager, Department of Forensic Pathology and Legal Medicine (Forensic Science Service).
1998 - 2006	Consultant Forensic Scientist / Head of Toxicology - Forensic Science Service (FSS)
1995 - 1998	Operations Manager – FSS Legal & Scientific Services

1991 - 1995	Head of Toxicology, Home Office Forensic Science Service.
1984-1991	Head of Alcohol, Drugs and Toxicology Research, Central Research and Support Establishment, Home Office Forensic Science Service, Aldermaston.
1987	Appointed Assistant Director (Scientific) Victorian Institute of Forensic Pathology, Melbourne, Australia. (Set up laboratory but position not taken up in Australia).
1981 – 1984	Senior Toxicologist, Huntingdon Forensic Science Laboratory.
1979 – 1981	Senior Toxicologist, Nottingham Forensic Science Laboratory.
1974 – 1979	Research work – Higher Scientific Officer & Senior Scientific Officer, Home Office Central Research Establishment, Aldermaston.
Committees:	Home Office Advisory Committee relating to Driving under the Influence of Drugs – Alternative Matrices. 2015. Home Office Advisory Committee relating to Driving under the Influence of Drugs – 2013 - 2014 Department of Transport Advisory Committee on Driving under the Influence of Drugs – 2012 - 2013 Chair: United Kingdom and Ireland Association of Forensic Toxicologists (UKIAFT): 2010 – 2014. Royal Society of Medicine – Clinical and Forensic Medicine Section Council Member 2013 - 2016. Member of Society of Forensic Toxicologists (SOFT) – Drug Facilitated Sexual Assault Committee. Lead Assessor in Toxicology for the Council for the Registration of Forensic Practitioners (2003 – 2008) Founding member of the UK Guidelines Committee for Workplace Drug Testing. European Economic Community Working Group for the Preparation of Laboratory Guidelines for Drug Analysis in Biological Fluids. The International Association of Forensic Toxicologists (TIAFT) committee for Systematic Toxicological Analysis (1984 – 2001).

Scientific Affiliations: Royal Society of Chemistry (Fellow)

Chartered Society of Forensic Sciences (Fellow)

Royal Society of Biology (Fellow)

Higher Education Academy (Senior Fellow)

Society of Forensic Toxicologists - SOFT (Member)

The International Association of Forensic Toxicologists
TIAFT (Member)

LTG (formerly London Toxicology Group) – member

United Kingdom and Ireland Association of Forensic
Toxicologists (UKIAFT)

Research Interests

- o Oral fluid as a medium for drug screening
- o Pharmacogenomics as an aid to the interpretation of toxicological results
- o Kinetics of drug entry into vitreous humor
- o Development of methodology for analytical toxicology
- o Distribution of drugs and poisons in human body tissues
- o Stability of Drugs in biological matrices and effects of post-mortem change phenomena on drug and poison analysis
- o Interpretation of toxicological results
- o Identification of Illicit and Controlled Drug Substances
- o New Psychoactive substances
- o Driving Under the Influence of Drugs
- o Drug Facilitated Sexual Assault

Lecturing / Teaching Experience

Professor, Head of Archaeology, Anthropology and Forensic Science, Bournemouth University.

Supervision of postgraduate research at MSc and PhD levels

External examiner – Forensic Science and Forensic Toxicology, University of Dundee 2012 - 2015

External examiner for PhD studies:

Kings College, University of London,
School of Pharmacy, University of London,

Department of Chemistry, Huddersfield University,
Monash University, Melbourne, Australia.

Visiting professor: Department of Forensic Science and Sports Testing, Kings College, University of London (2004-2007)

Visiting lecturer on the Master of Sciences Course in Forensic Science, Kings College, University of London (2002-2007).

Lecture widely at international meetings and conferences on a world wide basis as a guest and plenary speaker.

Responsible for training and development of toxicologists within the Forensic Science Service (1984 – 2006).

Visiting lecturer in Forensic Toxicology to the University of Surrey – (1985 – 2004).

Publications: Over 100 publications on toxicology related topics in the scientific literature.

Co-editor of Clarkes Analysis of Drugs and Poisons 3rd and 4th editions. Currently working on the 5th Edition.