

### **Biography of Betty Chow, M.Sc.**

Betty Chow joined the Centre of Forensic Sciences as a forensic toxicologist in November of 1998. She graduated with a B.Sc. (Hons) in 1994 and a M.Sc. in 1996 specializing in pharmacology from the University of Toronto. Prior to her employment at the Centre of Forensic Sciences, she worked as a research associate at the Centre of Addiction and Mental Health – Addiction Research Foundation Division examining the distinct neurological pathways related to drug-taking behaviour.

As a forensic toxicologist, she is responsible for the toxicological analysis and interpretation of results in both criminal and coroner's investigations. She has provided expert witness testimony in both criminal and coroner proceedings, qualified in areas including the pharmacology and toxicology of alcohol, drugs and poisons, the analysis of alcohol, drugs and poisons and the theory and operation of approved breath testing instruments and devices in Ontario

Betty also provides instruction to police services throughout Ontario in relation to the theory and operation of the Breathalyzer 900/900A, the Intoxilyzer 5000C and the Intoxilyzer 8000C and has lectured other client groups including nurses, crown and defense attorneys, coroners, pathologists and university students in areas including forensic toxicology, drug-facilitated sexual assault and impaired driving. Her own research interests have included: illicit and "rave" drugs, post-mortem alcohol and breath alcohol.