



FORENSIC APPLICATIONS CONSULTING TECHNOLOGIES, INC.

**STATEMENT OF QUALIFICATIONS
(MOULD RELATED PROJECTS)**

Mr. Connell currently works as a consulting Industrial Hygienist (IH) with Forensic Applications Consulting Technologies, Inc., and possesses specialized knowledge in several areas of industrial hygiene including toxicology, indoor microbiology, microbial assessments, chemical exposures, analytical chemistry, and indoor air quality (IAQ).

Mr. Connell has been a continuously practicing IH as that term is defined in the Colorado Revised Statutes §24-30-1402, since 1987. Prior to entering the IH field, he had approximately ten years experience as an analytical chemist in analytical and research laboratories in the United States and in Ireland.

Mr. Connell has performed approximately 700 mould and microbial assessments during the last 22 years. Mr. Connell has performed microbial investigations in a number of litigious cases and for such highly acclaimed organizations as the National Center for Atmospheric Research (where Mr. Connell currently serves as the contract Industrial Hygienist). He has performed similar work in numerous cases in the capacity of an expert witness and as recent as November, 2010, Mr. Connell's testimony was instrumental in obtaining an award of \$1.6 Million in debunking a "toxic mould" claim.

Regarding this type of work, Mr. Connell's clients have included the U.S. Geological Survey, Health and Human Services, Federal Bureau of Prisons, and the National Institute of Standards and Technology.

Mr. Connell is a member of the American Industrial Hygiene Association (AIHA), the American Conference of Governmental Industrial Hygienists (ACGIH), the Occupational Hygiene Society of Ireland, and he currently serves on three International Standards Committees including ASTM D22.08 – *Indoor Air* (whose task is to develop and write internally accepted indoor and building mould assessment standards); ASTM E50 Committee (*Environmental Assessment & Risk Management*), and ASTM E30.05 *Forensic Sciences* committee. Mr. Connell serves as an Industrial Hygiene Subject Matter Expert for the US Department of Homeland Security (Health, Medical Responder Safety Subgroup).

Mr. Connell is an internationally recognized expert on indoor microbial issues and has lectured on risk assessment, sampling and toxicology at the university level. He has been a guest lecturer for the PCA (Huntingdon, England), University of Vermont, (Johnson Conference) University of Arizona (Arizona Health Sciences Center, Zuckerman College of Public Health), University of Colorado, and the Environmental Information Association. He has presented papers on the statistical variations associated with indoor mould sampling including the international symposium on indoor mould at the International Johnson Conference at the University of Vermont where he served as Committee Chairman on the Mold Health Effects Committee. A detailed list of Mr. Connell's Indoor Air Quality related projects for the current century can be viewed here:

http://forensic-applications.com/index_files/IAQExperience.pdf