



CSCC Award for Outstanding Contribution to Clinical Chemistry

Sponsored by Siemens Healthineers



Dr. Loralie Langman

Dr. Loralie Langman has been a Clinical Biochemist for 25 years and has been working as part of the medical laboratory team for over 35 years. She is the 2025 recipient of the Canadian Society of Clinical Chemists (CSCC) Outstanding Contribution to Clinical Chemistry, an award presented as a mark of recognition of outstanding achievement in and/or contribution to the field of clinical chemistry. Dr. Langman is an exceptional character who has contributed immensely to our profession in many facets, and her contributions are truly outstanding.

Dr. Langman is a true leader, a mentor and collaborator. Her character has often been shown over the years during our formal events with the many different and inspiring hats she has worn. At the same time, Dr. Langman engages in multifaceted aspects of our profession, as she figuratively wears many “hats” through her work as a certified Clinical Biochemist (CACB and ABCC), Toxicologist (ABCC), Forensic Toxicologist (ABFT) and Molecular Diagnostics (ABCC). She has also continued her active certification as a medical laboratory technologist.

Dr. Langman has received numerous awards throughout her career, such as the *Award for Outstanding Scientific Achievements by a Young Investigator* (Association for Diagnostics & Laboratory Medicine [ADLM]; formerly American Association for Clinical Chemistry), *Service Award* (Clinical and Laboratory Standards Institute (CLSI)), *Research Excellence Award* (CSCC), *Professor Alvin Dubin Award for*

Outstanding Contributions to the Profession and the Academy (ADLM), and the *Irving Sunshine Award for Outstanding Contributions to Clinical Toxicology* (International Association of Therapeutic Drug Monitoring and Clinical Toxicology [IATDM]).

Service to her community is a very important part of the work that Dr. Langman does. She has served countless hours on numerous committees, boards and societies. Her commitment has spanned locally, nationally and internationally, and briefly includes *some* of the following roles. She has shown immense support to CSCC through councillor, annual meetings participation, education & public outreach. and toxicology interest group involvement, alongside Canadian Academy of Clinical Biochemistry (CACB) syllabus update reviews. She also has had numerous ADLM annual meetings and board committee roles, Alberta Society for Human Toxicology participation, American Academy of Forensic Sciences committee chair and member roles, and CLSI committee member, council and board of director roles. Further afield, she has been an IATDM member, councillor, board and congress organization role, and has held International Federation of Clinical Chemistry and Laboratory Medicine (IFCC) committee member and chair roles.

Dr. Langman also has an immense passion for teaching and education, as exemplified by her numerous accomplishments. She has supported curriculum developed within Mayo Clinic College of Medicine, IFCC and CSCC. She has numerous teaching duties, such as those with the Department of Laboratory Medicine and Pathology Chemistry (Rochester, Minnesota), Clinical Biochemistry & Immunology Clinical Core Laboratory Services Biochemical Genetics (Rochester, Minnesota), and Mayo Medical School (Rochester, Minnesota). She also engages in additional academic development through education oversight, grand rounds planning, and graduate medical education support.

Academically, Dr. Langman has made invaluable contributions, with 98 peer-reviewed articles, in addition to 32 different book chapters, 91 abstracts, and several non-peer reviewed articles, editorials, commentaries, audio/visual resources. She has presented at numerous local, national and international events in areas ranging from lab challenges, pharmacogenetics, therapeutic drug monitoring, to new technology, toxicology screening, pain management and postmortem toxicology.

A special area of recognition has been her exceptional work as editor-in-chief of *Clinical Biochemistry*. During the challenging and unprecedented “COVID years,” her leadership became even more critical. The pandemic presented unique obstacles, not only to the clinical biochemistry community, but also the world of publishing. Dr. Langman adapted to these challenges by continuing to ensure timely publication of high-quality papers and helped maintain the journal’s standards. She has been a highly committed and exceptional leader in paving the course of the journal over the past several years.

Despite many of Dr. Langman’s significant contributions spanning both international platforms and within the United States, she remains professionally rooted in her Canadian identity. Her dedication to the CSCC and the laboratory medicine community in Canada is a testament to her unwavering commitment to the profession of clinical biochemists in Canada. Dr. Langman is a global citizen yet carries with her the values and pride of being a Canadian and devoted member of CSCC.