
DISTINGUISHED LECTURERS

1988	Edward M. Sellers
1989	Harold Kalant
1990	Jud Coon
1991	Arthur M. Brown
1992	Hans C. Fibiger
1993	Richard M Weinshilboum
1994	David F. Horrobin
1995	Fred P. Guengerich
1996	Stephen H. Safe
1997	Kenneth R. Chien
1998	Marc G. Caron
1999	Susan P.C. Cole
2000	Arnold M. Katz
2001	Judes Poirier
2002	Raymond W. Tennant
2003	Charles M. Stein
2004	David P. Siderovski
2005	Eric N. Olsen
2006	Louis J. Guillette
2007	Michel Bouvier
2009	Trevor Smart



THE CHARLES W. GOWDEY DISTINGUISHED LECTURE

Presented by:
**THE DEPARTMENT OF
PHYSIOLOGY & PHARMACOLOGY**

*Schulich School of Medicine and Dentistry
The University of Western Ontario*



Professor Charles W. Gowdey

Dr. Charles W. Gowdey was born in St. Thomas, Ontario in 1920, was educated at St. Thomas Collegiate Institute obtaining a B.A. in Chemistry in 1944. His M.Sc. in Biochemistry followed in 1946 from The University of Western Ontario and, after marriage to Madelon (Peggy), he pursued his education at Oxford obtaining a D.Phil. in Professor J.H. Burn's Department of Pharmacology in 1948.

Appointed as Lecturer in Pharmacology in the Faculty of Medicine, The University of Western Ontario in 1948, he rose to Head of Department in 1960, a position he held until 1981. During this time, he built a strong department and pursued pioneering research in the fields of hyperbaric physiology, decompression sickness, and haemorrhagic shock. Charles Gowdey was a founding member of The Canadian Federation of Biological Societies and The Pharmacological Society of Canada, serving as President of the latter in 1964-65. A scholar, historian, and educator, Dr. Gowdey served his university and his discipline with distinction and devotion. He was a "classical" pharmacologist who taught by example at the bench and always had time to engage in "The Socratic Method" from which numerous graduate students benefited. He also spent his time addressing neuropharmacology, narcotic dependency, and the therapeutic benefits of the numerous drugs which came into common use during his long and distinguished career. Charles passed away in August 2003 and is remembered with affection by his former colleagues and trainees. This lecture series honours a much beloved scholar and true gentleman.

Dr. Brenda Gallie

Dr. Brenda Gallie is an ophthalmologist who has focused on the rare cancer in children, retinoblastoma. She is Director of the Retinoblastoma Program at The Hospital for Sick Children, Senior Scientist at the Ontario Cancer Institute, and Professor of Ophthalmology, Molecular Genetics, and Medical Biophysics, University of Toronto. Dr. Gallie was named Distinguished Scientist of the Canadian Institutes for Health Research and received the Order of Ontario for implementing genetic knowledge in care of children with retinoblastoma across Canada.

Dr. Gallie's research team has contributed significantly to understanding cancer in general, by revealing the basic molecular processes that go wrong, then applying this knowledge to improve healthcare. Not satisfied that optimal care was available to only 8% of the retinoblastoma children lucky enough to live in developed countries, Dr. Gallie and an international network is determined that the 8,000 children per year affected by retinoblastoma will have equal access to the best science and optimal strategy for care. The network is together developing clinical trials, accessible genetic testing and rapid implementation of science at the point-of-care, supported by Internet-based pathology and the retinoblastoma-specific medical record.

An example of global collaboration between Dr. Gallie's team in Toronto and the TongRen Hospital in Beijing, is the 2011 publication in the Journal of Clinical Oncology, revealing the high mortality from severe intraocular retinoblastoma when over-use of chemotherapy delays simple curative surgery.

THE CHARLES W. GOWDEY DISTINGUISHED LECTURE

The Charles W. Gowdey Distinguished Lecture was initiated by scientific colleagues and friends on his retirement in 1986. The series features scientists from Canada and abroad who have made outstanding contributions to research in Pharmacology and Toxicology.

The Lecture will be presented by



Dr. Brenda Gallie

**Director, Retinoblastoma Program, The Hospital for Sick Children,
Senior Scientist, Ontario Cancer Institute, and Professor of Ophthalmology,
Molecular Genetics, and Medical Biophysics, University of Toronto**

“One Retinoblastoma World: Science and the Children”

Tuesday, November 8, 2011 at 4:00 p.m.

LHSC — University Hospital, Auditorium A

EVERYONE IS WELCOME

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* MOGENSEN TRUST * SCHOOL OF GRADUATE & POSTDOCTORAL STUDIES *
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