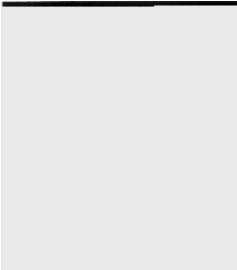


FRED L.M. PATTISON



Fred Pattison was born in Scotland, where he received his early education before going to the University of Cambridge in 1941 for undergraduate work in Natural Sciences, followed by a Ph.D. in Organic Chemistry. He then spent a

year at Dalhousie University as Lecturer before joining the faculty here at UWO as Assistant Professor in 1948.

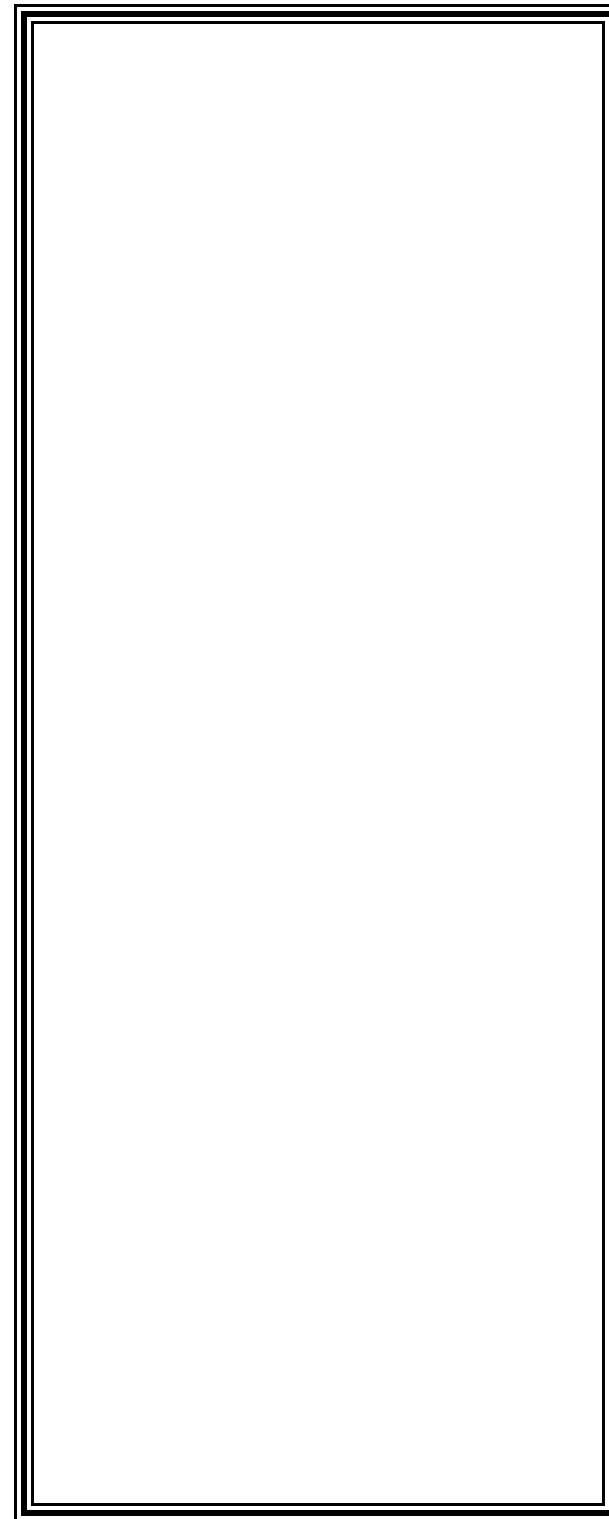
He established a Ph.D. program in the department, and his research on biologically active organic fluorine compounds resulted in many publications, the award of an Sc.D. by the University of Cambridge, and a book: *Toxic Aliphatic Fluorine Compounds*. In 1959 he became Professor and Head of the Department, and he presided over the expansion of the department and its move to new facilities.

In 1965, Fred decided on a complete career change, and at the age of 42 he enrolled at UWO as a first-year.

On completing his M.D. four years later, he interned at St. Joseph's Hospital here in London and served for a year as resident in the Family Practice Program; he also took a diploma course in venereology at the University of Liverpool. In 1971-73, Fred followed up a long-standing interest in Canada's North people by working with the International Grenfell Association. He provided solo medical care for about 6,000 people scattered along 120 miles of the Atlantic coast of Newfoundland.

Fred returned to London in 1973, when he joined UWO's student health service, holding the position of Director at his formal retirement in 1988. During the same period he was clinical assistant professor in the Faculty of Medicine, giving instruction in venereology, and director of the Middlesex-London Sexually Transmitted Disease Clinic.

On his retirement, Fred was able to resume his connection with the Chemistry Department with the



JUAN C. (TITO) SCAIANO, PH.D., FRSC, O.C.

Dr. Scaiano was born in Buenos Aires, Argentina in 1945. He studied at the University of Buenos Aires (degree in chemistry in 1967) and at the University of Chile (Ph.D. in 1970). After post-doctoral work at University College London he returned to South America to join the University of Rio Cuarto in Argentina where he reached the level of Associate Professor before leaving in early 1975 to join the National Research Council of Canada (NRC) as a visiting scientist. In 1976 Dr. Scaiano joined the Radiation Laboratory at the University of Notre Dame as Assistant Professional Specialist until 1979 when he returned to Canada to join the staff of the National Research Council. Dr. Scaiano was Principal Research Officer and Head of the Reaction Intermediates Group before leaving the NRCC in 1991 to join the University of Ottawa as a Professor where he was named their first Distinguished University Professor and holds the prestigious CRC Chair in Applied Photochemistry.

He has authored about 600 scientific papers, book chapters and patents and is the only Canadian chemist on the list of the world's 100 most cited chemists, in the 2003 release by the Institute for Scientific Information. He has mentored numerous graduate and post-doctoral fellows. He is also an entrepreneur, and recently founded Luzchem Research Inc., an Ottawa-based company that manufactures photochemical equipment.

Professor Scaiano is an Officer of the Order of Canada, a Fellow of the Chemical Institute of Canada and of the Royal Society of Canada, and the 2002 winner of the Gerhard Herzberg Gold Medal for Science and Engineering, NSERC's highest honor and Canada's premier research prize. Other recent awards have included the 2003 Premier's Platinum Medal for Research Excellence, the Canadian Institute of Canada Medal in 1999, the Sir Christopher Ingold Lectureship and Medal (Royal Soc. of Chemistry, UK) in 1998, a Killam Prize in Science in 1998, Porter Medal in 1995, the Henry Marshall Tory Medal of the Royal Society of Canada (1995), a Killam Fellowship (1994-1996) and the 1994 University of Ottawa Award for Excellence in Research. He has been President of the Inter-American Photochemical Society (1990-92), is a member of the Editorial Boards of several journals, and was Editor in Chief of Photochemistry and Photobiology.

Professor Scaiano will give three lectures:

Lecture 1: Monday, May 8, @ 3:00 p.m., MSB 270, 2nd Floor

FLUORESCENCE SENSOR APPLICATIONS AS DETECTORS FOR DNA DAMAGE, FREE RADICAL

Time resolved fluorescence studies of dye-DNA complexes have been used for the detection of DNA damage. The use of time resolved data has advantages over methods based