

The Lectureship Fund

The Morris Katz Lectureship was made possible by the establishment of an Endowment Fund created through contributions from his family, his friends, his colleagues, private companies, universities and government. It is intended that this lectureship become self sustaining. Major contributions in support of this year's lecture have been made by:

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**Canadian Institute for Research in
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Centre for Atmospheric Chemistry
(York University)

If you share in Morris Katz' enthusiasm and commitment to having a cleaner environment, please make a contribution to support this ongoing educational activity. Send your contribution in care of:

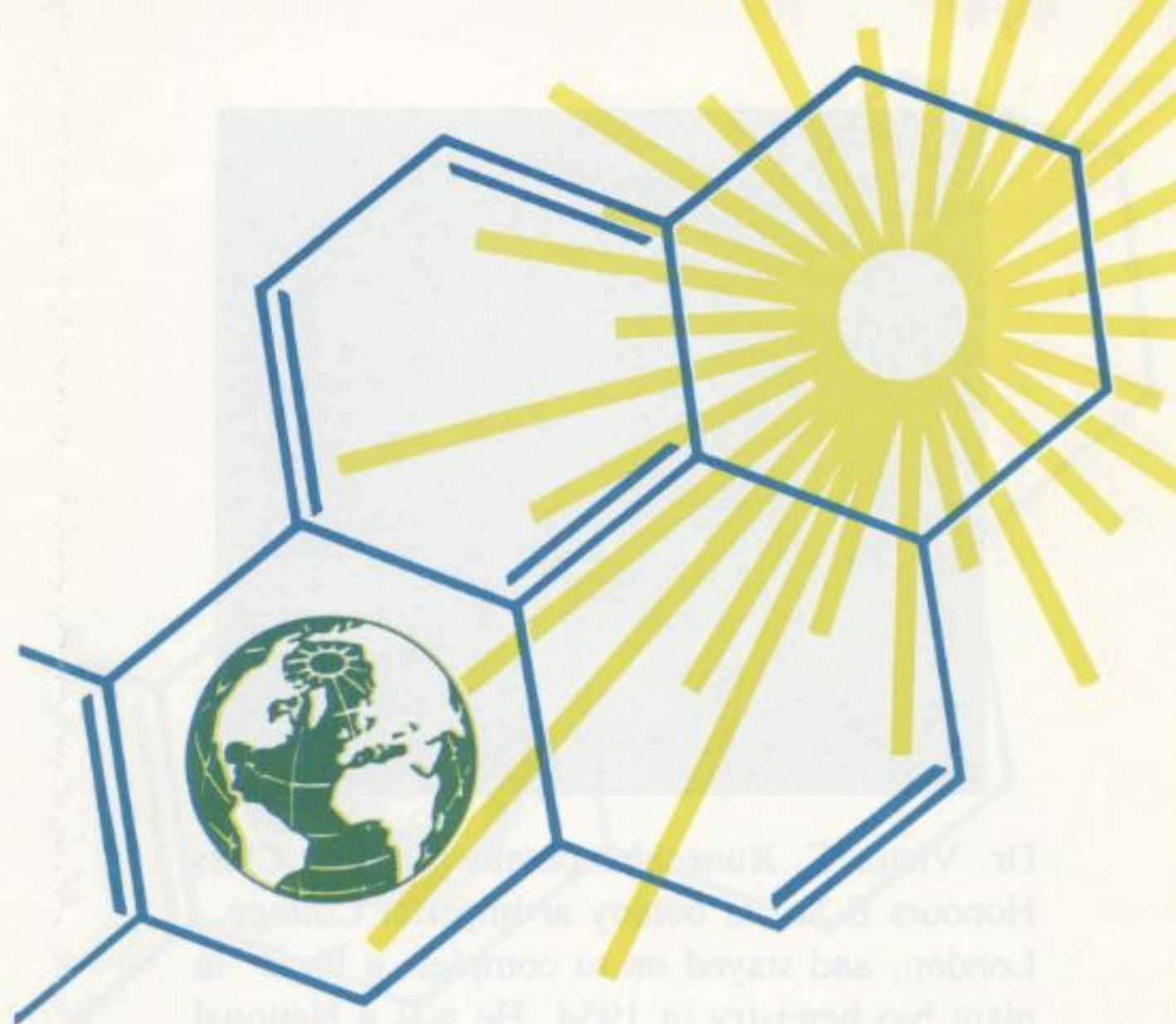
**The Morris Katz
Memorial Lectureship**
Centre for Atmospheric Chemistry
York University
4700 Keele Street
North York, Ontario
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Transcripts of the 1991 Lecture are available to all contributors. A videotape will also be available for new contributions of \$100 or more.



1991 MORRIS KATZ MEMORIAL LECTURESHIP IN ENVIRONMENTAL RESEARCH

Dr. Victor C. Runeckles

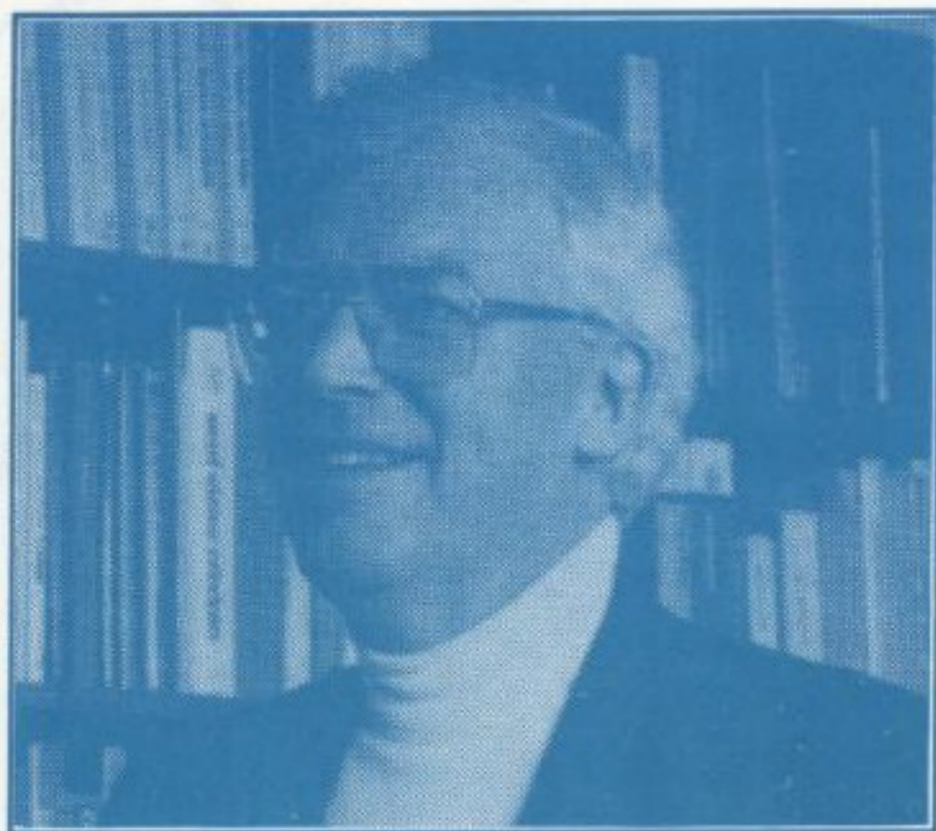
*Department of Plant Science
Vancouver, British Columbia*

**"Ozone and Plant Life:
The Good and the Bad"**

27 February 1991
4:00 p.m.

Senate Chamber, Ross Building
York University

York University
Centre for Atmospheric Chemistry



Dr. Victor C. Runeckles obtained a First Class Honours B.Sc. in botany at Imperial College, London, and stayed on to complete a Ph.D. in plant biochemistry in 1954. He was a National Research Council Post-doctoral Fellow at the Department of Biology, Queen's University, Kingston from 1954-57, when he moved to Montreal to head a biochemistry group in the laboratories of the Imperial Tobacco Company of Canada. He had been manager of the company's research laboratories for several years when, in 1969, he left to become Head of the Department of Plant Science at the University of British Columbia, in Vancouver. He eventually "smartened up" and stepped away from administration in 1988 in order to "try to achieve something of more lasting benefit", through his research into the effects of air pollution on plants.

He was awarded a Nuffield Foundation Fellowship in 1978, which enabled him to spend a sabbatical leave in England, at Imperial College, and at the Universities of Lancaster and Nottingham.

He was a founding member of the Phytochemical Society of North America, in which he is now a Life Member. For many years he was Editor-in-Chief of the Society's publication, "Recent Advances in Phytochemistry."

He has authored over 100 publications, including chapters in several books dealing with the effects of air pollution on vegetation and crops. He is currently an Associate Editor of "Atmospheric Environment." His research interests started with phytochemistry, but moved to air pollution effects in the late 50's, with the identification of ozone as the cause of "weather-fleck" of tobacco growing in Southern Ontario. During the period 1957-61, he and Morris Katz were part of the team that established cause and effect. Most recently, he has been actively engaged in determining the magnitude of the "ozone problem" in the Fraser Valley of British Columbia.

He has served on numerous national and international review panels and committees. He chaired the annual reviews of the U.S. Environmental Protection Agency's National Crop Loss Assessment Network Program, that was set up to assess the economic magnitude of crop losses in the United States attributable to ambient ozone, and served on several review panels associated with the U.S. National Acid Precipitation Assessment Program. He serves on the Ecological Effects Committee of the International Society for Plant Pathology, and has held numerous consultancies with the petroleum industry and public utilities in Canada and the United States in connection with environmental impact assessments.

The Lectureship

To recognize and pay tribute to Morris Katz' contribution to Environmental Science Research in Canada, and to follow through on his initiative in promoting a cleaner environment, his friends and colleagues have established the Morris Katz Memorial Lectureship. This lectureship involves an annual lecture to be presented by an international leading figure in Environmental Research. The lecture is open to the general public.