

J.K.N. JONES

John Kenyon Netherton Jones obtained his Ph.D. at Birmingham University. He was hired as an assistant lecturer and then lecturer at Bristol University 1936-1944, where he engaged in munitions research and training during the Second World War. He resigned at the end of the war with the rank of captain, and returned to academic work as senior lecturer at Manchester University 1945-1948 and then as reader in chemistry at Bristol University 1948-1953. He came to Queen's University in 1953 as Chown Research Professor of Chemistry, a position he held until his death in 1977.

Professor Jones' outstanding achievements in carbohydrate chemistry were recognized by his election as Fellow of the Royal Society of London in 1957 and of the Royal Society of Canada in 1959. The Division of Carbohydrate Chemistry of the American Chemical Society presented him with the Claude S. Hudson Award in 1969, and in 1975 he received the Anselme Payen Award from the Cellulose, Paper and Textile Division. In March 1975, he was awarded the third Sir Norman Haworth Memorial Medal of The Chemical Society (London).

Professor Jones was, at all times, an educator of the highest rank and an inspiration to a large number of graduate students. From these students he evoked, as a result of his enthusiasm, sincerity, and gentle character, tremendous respect and affection. All of his students, former research associates, colleagues, and friends will long remember this truly fine and outstanding gentleman.

The J.K.N. Jones Visitorship was established in memory of Professor Jones, and is funded by the income from the bequests made in his name by his friends, colleagues and former students.

PREVIOUS JONES LECTURERS

2021 • *D C Robinson*

2021 • *Vy Dong*

2020 • *P. Ayers*

2018 • *T.F. Miller III*

2017 • *J. Bode*

2016 • *F. Winnik*

2015 • *M. Pinto*

2015 • *T. Swager*

2014 • *W. Yang*

2013 • *D. Milstein*

2012 • *J.F. Stoddard*

2011 • *J.A. Caruso*

2010 • *T. Marks*

2010 • *G. van Koten*

2009 • *P.B. Corkum*

2008 • *M. Gruebele*

2005 • *W. Klemperer*

2001 • *G. Ozin*

1997 • *M.S. Brookhart*

1993 • *B.O. Fraser-Reid*



Department of Chemistry Queen's University

is honoured to host the
2022 Jones Lecturer:

Scott Cairns

Organisation for the
Prohibition of Chemical
Weapons



OPCW

"The Road to Damascus -
Notes from a Chemical
Weapons Inspector"

Friday, November 18, 2022

11:30 a.m.

Chernoff Hall, Room 117

SCOTT CAIRNS



Scott Cairns
Organisation for the Prohibition of Chemical Weapons

Scott Cairns is a former OPCW Inspection Team Leader, chemist, and munitions expert who held several key positions during his OPCW tenure. Notably, Head of Contingency Operations, Head of Field Operations and Head of Mission during the OPCW-UN joint mission in Syria to destroy and remove the declared Chemical Weapons Program.

Scott was also the OPCW Leader and Deputy Head of Mission, under Dr. Sellstrom for the 2013 UN Mission to Investigate Allegations of Use of Chemical Weapons in the Syrian Arab Republic.

Scott has an extensive background and over 15 years of field experience in WMD/CBRNe defensive operations alone. He is a recognized expert in chemical and biological warfare, munitions, and leadership.

A former scientist for the Canadian chemical and biological defence program, Scott has directly supported the operational needs of both civilian and military organisations through leadership, research & development, testing, deployments, live-agent scenario-based training, mentoring, and authoring.

Acting as the main synthetic organic chemist, Scott was one of only a few people in the country permitted to produce chemical warfare agents, including supertoxic nerve agents, and other compound of interest on a regular basis.

A graduate of the University of Manitoba with a BSc in Chemistry with distinction, Scott was a key recipient of the 2013 Nobel Peace Prize awarded to the OPCW for its work in Syria. He has lived in, conducted missions to, or has visited more than 120 countries during his activities, including active conflict zones. And is honoured to share his experiences and hopefully inspire others.

ABSTRACT

Scott Cairns is an officer with the Organization for the Prohibition of Chemical Weapons (OPCW). His work with the OPCW to dismantle stockpiles of chemical weapons in Syria led to the organization receiving the Nobel Peace Prize in 2013. This lecture will detail Dr. Cairns' experiences as a Canadian WMD expert, his investigations into the use of chemical weapons and his efforts to destroy them. Using his direct experience working in an international setting and applying fact/science-based inspection & investigation practices, this lecture will detail the real-world challenges and heart-breaking examples of how science plays a role in uncovering and documenting the use of chemical weapons on the modern battlefield with a focus on the Syrian war.