

PUBLIC AWARENESS EDUCATION PROGRAMS

OF THE SCIENCES & HUMANITIES – TECHNOLOGY & GLOBAL BIOETHICS (PAEP est. 1979)

NGO MEMBER OF FORUM UNESCO ♦ UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP) ♦ INTERNATIONAL PEN

NEW PROJECT ♦ International Youth Network for the Advancement of the Sciences, Humanities and Global Bioethics (IYNet)



THE ROLE OF SCIENCE IN SUSTAINABLE DEVELOPMENT SCIENCE SPHERE 2012 – HONOURING UNESCO & WORLD TEACHERS' DAY 22nd CANADIAN INTERNATIONAL YOUTH FORUM

Exploring New Ways of Knowing the Sciences and Humanities – Values and Society

Meeting the Challenges of the 21st Century – Free Transdisciplinary Community Programs since 1979

THIS FORUM IS DEDICATED TO THE MEMORY OF J. FRASER MUSTARD (1927-2011) AND ROY D. PEARSON (1949-2011)

- 10:05 - 10:45 EDUCATION FOR EQUITABLE SUSTAINABLE DEVELOPMENT (ESD)**
Confronting the Environmental Crisis of Planet Earth – (Ref.Videos: A – A1 – A2 – Essay)
Speaker: Brett Dolter, Ph.D. Student, Faculty of Environmental Studies, York University (info)
- 10:50 - 11:30 FROM ENVIRONMENT TO BRAIN TO BEHAVIOUR: CHALLENGES IN NEUROSCIENCE**
Speaker: Allison B. Sekuler, Ph.D., Professor and Canada Research Chair in Cognitive Neuroscience,
Department of Psychology, Neuroscience & Behaviour (PNB) (info)
Associate Vice-President and Dean (Graduate Studies), McMaster University
- 11:35 - 12:15 NANOSCIENCE ADVANCING SUSTAINABLE DEVELOPMENT:
CREATING NEW TECHNOLOGIES AND JOBS FOR A VIABLE FUTURE**
Speaker: Ulrich J. Krull, Ph.D., Professor, Department of Chemical and Physical Sciences (info)
Vice-Principal Research, University of Toronto; AstraZeneca Chair in Biotechnology
- 12:20 - 12:45 UPDATE: Premier of Manitoba sets Example on ESD at RIO+20 2012 U.N. Conference**
2010 PAEP/IYNet Report to UNEP – 2011 UNEP Green Economy Report
International Youth Network (IYNet) & PAEP Activities Overview to UNESCO (link)
Speaker: Saviz Ehyai, Ph.D. Student, Department of Biology, York University (info)

(Suggested length for each presentation is 30 minutes, followed by a 10 min. discussion period)

♦ — **Saturday, 20 October 2012 ♦ Free Admission — ♦**
10:00 a.m. - 12:45 p.m. ♦ Advance Registration for Free Passes Required
Place: Ontario Science Centre - Toronto, 770 Don Mills Road

Registration Closing Date: Friday, 19 October 2012 – For Individual or Group Registration
Please use either Email: paep.utm@utoronto.ca or Tel: 416-486-9333 or Fax: 416-483-0002

NOTE: Those who attend will also have free access to the regular Science Centre Exhibits – 12:45 – 17:00 pm
SCIENCE SPHERE 2012 IS HELD IN PARTNERSHIP WITH THE ONTARIO SCIENCE CENTRE (link)

As NGO Member of Forum UNESCO, UNEP; International PEN, PAEP and the IYNet Project take grassroots initiatives working with and for youth, locally, regionally and internationally, to protect and uphold the Founding Values, Purpose and Philosophy – The Life of the Mind and the Constitution of the United Nations Educational, Scientific and Cultural Organization (UNESCO); and the United Nations Environment Programme (UNEP) Hans F. Schweinsberg, President, PAEP - Ref: **Statement: Minding Our Future** - cc: PAEP/IYNet 2012

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