



PALLADIN INSTITUTE
OF BIOCHEMISTRY



UNIVERSITY of
BRADFORD



BWC Meeting of States Parties

Side Event

Tuesday, 5 December 2017

13:00 – 15:00 hrs Salle XXIV

Biosecurity Education: Opportunities to learn from current progress and new initiatives

Co-Chairs:

Matthew Rowland (UK Ambassador)

Serhiy Komisarenko (Academician-Secretary of the National Academy of Sciences of Ukraine)

Welcome and Introductions by the Co-Chairs

Presentations:

How Ukraine has developed and adapted biosecurity education materials for university undergraduate level, and secured the support of key stakeholders

Professor Serhiy Komisarenko, National Academy of Sciences of Ukraine, Palladin Institute of Biochemistry of the NAS Ukraine

Building Effective and Efficient Dual-Use Education

Professor Malcolm Dando, University of Bradford

How biosecurity education materials are being developed for university level open, on-line access

Dr Kathryn Millett, Biosecure Ltd

Enhancing Biological Security through Education and Awareness-Raising: Lessons from a Pilot Table-Top Exercise

Dr Tatyana Novossioloova, Landau Network-Fondazione Volta

Q&A Session

Concluding Remarks by the Co-Chairs

Sandwiches, fruit, coffee and tea will be provided from 13:00



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Speaker Biosketches

Matthew Rowland Introduction

Dr Rowland has been the UK's Ambassador and Permanent Representative to the Conference on Disarmament in Geneva since 2013. Since 2001 he has held a variety of posts in the Foreign and Commonwealth Office and the Cabinet Office, including responsibility for peacekeeping, nuclear security and proliferation issues. Prior to that he worked as a consultant mining geologist, having gained a PhD in geochemistry and an engineering degree in geology.

Serhiy Komisarenko *How Ukraine has developed and adapted biosecurity education materials for university undergraduate level, and secured the support of key stakeholders*

Professor Komisarenko is the Academician-Secretary of the National Academy of Sciences of Ukraine (NASU), Director of the Palladin Institute of Biochemistry, NASU, Head of the Commission on Biosafety and Biosecurity at the National Security and Defence Council of Ukraine, President of the Ukrainian Biosafety Association, and was Ambassador of Ukraine to the UK (1992-1998).

Malcolm Dando *Building Effective and Efficient Dual-Use Education*

Professor Dando trained originally as a biologist (BSc and PhD at St. Andrews University, Scotland). After post-doctoral studies in the United States (University of Michigan and University of Oregon) he held UK Ministry of Defence funded fellowships in Operational Research at the University of Sussex during the 1970s. Since then he has worked on arms control and disarmament, particularly on chemical and biological issues (DSc. University of Bradford). In recent years this work has been focused on awareness raising and education of life scientists in regard to dual use and biosecurity.

Kathryn Millett *How biosecurity education materials are being developed for university level open, on-line access*

Kathryn Millett is the Director of Biosecure Ltd, a private company dedicated to safeguarding the bioeconomy and helping ensure there are resilient, safe and secure environments, frameworks and processes conducive to taking full advantage of biology as a manufacturing technology. She develops and conducts bespoke biosecurity training for students and professionals in the life sciences, and is engaged in a number of international projects and processes relating to education and training in the CBRN field. Kathryn has over fifteen years' experience in civil society engagement in international disarmament policy processes. Kathryn was formerly the Director of the BioWeapons Prevention Project.

Tatyana Novossiolo *Enhancing Biological Security through Education and Awareness-Raising: Lessons from a Pilot Table-Top Exercise*

Dr Novossiolo is a Programme Manager at the Landau Network-Fondazione Volta, Italy. Tatyana is a Wellcome Trust Scholar, a co-editor of the Global Partnership-funded Guide, *Preventing Biological Threats: What You Can Do*, and an author of the *Biological Security Education Handbook: The Power of Team-Based Learning*. Tatyana has been involved in curricula development in arms control and biological security both for university and specialised professional training courses. Her latest book is *Governance of Biotechnology in Post-Soviet Russia*. Tatyana holds a BA in International Relations and Security Studies and a PhD in Politics and International Security.