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Lectures and teachers 2020



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Science and Technology Advisor in the Global Security Technology and Policy Group under the National Security Directorate of Pacific Northwest National (PNNL)

Lecture title: Chemical Security, Disarmament, Non-Proliferation, and Industry: Green and Sustainable Chemistry Beyond the Research Laboratory

Profile

Dr Jonathan Forman is a Science and Technology Advisor in the Global Security Technology and Policy Group under the National Security Directorate of Pacific Northwest National (PNNL). Prior to joining PNNL, Dr Forman served as the first Science Policy Adviser to the Organisation for the Prohibition of Chemical Weapons (OPCW) from 2013-2020, where he facilitated the work of the OPCW Scientific Advisory. Prior to the OPCW, Dr Forman worked for a series of venture capital backed biotechnology startup companies developing molecular diagnostic and bioanalytical assay technologies for genomic, immunoassay, and cell capture applications; eventually becoming an independent consultant for process and product development of chip-based assay platforms. Dr Forman holds a Ph.D. in chemistry from the California Institute of Technology and a Bachelor's of Science in Chemistry from California State university San Bernardino. His professional interests include assessment of emerging technologies, bringing effective science advice into policy making, and science diplomacy Dr Forman is an author on more than forty scientific papers, book chapters and patents.

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