

Science Diplomacy to Promote and Strengthen Basic Research and International Cooperation: A Workshop

Committee

E. W. Colglazier

Chair

Dr. E. William Colglazier is Editor-in-Chief of Science & Diplomacy and Senior Scholar in the Center for Science Diplomacy at the American Association for Advancement of Science (AAAS).

He served as the fourth Science and Technology Adviser to the Secretary of State from 2011 to 2014 to provide scientific and technical expertise and advice in support of the development and implementation of U.S. foreign policy. From 1994 to 2011, he was Executive Officer of the U.S. National Academy of Sciences (NAS) and the National Research Council (NRC) where he helped to oversee the studies that provide independent, objective scientific advice on domestic and international public policy issues.

He received his Ph.D. in theoretical physics from the California Institute of Technology in 1971, and prior to 1994 worked at the Stanford Linear Accelerator Center, the Institute for Advanced Study in Princeton, the Center for Science and International Affairs at Harvard's Kennedy School of Government, and the University of Tennessee. While at Harvard, he also served as Associate Director of the Program in Science, Technology, and Humanism of the Aspen Institute. He is past chair of the Forum on Physics and Society of the American Physical Society (APS) and a Fellow of the AAAS and APS.

In 2015 he received the Joseph A. Burton Forum Award from the APS for "outstanding contributions to the public understanding or resolution of issues involving the interface of physics and society"; received the Order of the Rising Sun, Gold Rays with Neck Ribbon, from the Japanese government for "contributing to science and technology exchange and mutual understanding between Japan and the United States"; and was appointed distinguished Visiting Fellow by the International Institute for Applied Systems Analysis (IIASA) in Vienna, Austria. In 2016, he was appointed by the UN Secretary General as one of the ten international members to support the Technology Facilitation Mechanism to promote the role of science, technology, and innovation for achieving for the 2030 Agenda for Sustainable Development.

Alice Abreu

Member

Alice Abreu, Professor Emerita of the Federal University of Rio de Janeiro (UFRJ) in Brazil since 2009, has a PhD in Social Sciences from the University of São Paulo Brazil (1980), and M.Sc. in Sociology from the London School of Economics and Political Science (LSE) of the University of London (1971). She was a Full Professor of Sociology at the UFRJ until 2005 and has published extensively in sociology of work and gender and, recently, on gender and science. She also held a number of important positions within the academic community of Brazil and internationally, which included the Vice Presidency of the National Research Council for Scientific and Technological Development (CNPq) of Brazil (1999-2002), and Director of the Office of Education, Science and Technology of the Organization of American States, in Washington D.C.(2003-2006). Returning to Brazil, Prof. Abreu was the Director of the Regional Office for Latin America and the Caribbean of the International Council for Science (ICSU) from 2007 to 2011. More recently, Prof. Abreu was the Director of GenderInSITE from 2015 to 2017, a global initiative aimed at promoting the role of women in science, innovation, technology and engineering (SITE). Prof. Abreu has been a member of several important boards and advisory committees of different institutions and projects: since 2010, the Board of the Gender Advisory Committee of the UNCSTD and the Vice-President of the Research Committee 23 Sociology of Science and Technology of the International Sociological Association; since 2017 the Steering Committee of GenderInSITE; from 2015 to 2017 the Advisory Committee of the STEM and Gender Advancement (SAGA) UNESCO project. In 2019/2020 she was member of the Emerging Science Partners Working Group of the Challenges for International Scientific Partnerships project of the American Academy of Arts and Sciences. She is the deputy representative of GenderInSITE at the Standing Committee for Gender Equality in Science. Professor Abreu received the Ordem Nacional do Mérito Científico (Comendador) of Brazil in 2001; the Palmes Académiques (Officier), of the Ministère de la Jeunesse, de l'Éducation Nationale et de la Recherche. République Française, in 2003. She was awarded the Florestan Fernandes Prize for Sociology in 2009 and the ANPOCS Award in Academic Excellence Antonio Flavio Pierucci Sociology in 2013. In February 2020 she received the Honorary Mention at the first edition of the "Carolina Bori Ciência & Mulher" Award of the Brazilian Society for the Advancement of Science. Prof. Abreu was part of the group of experts that wrote the NAS report Blueprint for the Futures .Framing the Issues of Women in Science in a Global Context: Summary of a Workshop in 2012.

Alik Ismail-Zadeh

Member

Alik Ismail-Zadeh is a German/Russian geophysicist whose interests span from basic disciplinary research (computational geodynamics, tectonics, sedimentary geology, seismology, volcanology) through interdisciplinary hazard and risk science to science diplomacy, international policy, and science history. He is an author of over 120 peer-reviewed papers, and several books. Graduated from the Baku State University (BSc, Mathematics, 1982) in Azerbaijan and the M. Lomonosov Moscow State University (MSc, Mathematical Physics, 1983) in Russia before being awarded Ph.D. in 1990 and D.Sc. (Habilitation) in 1997 (both in Geophysics) from the Russian Academy of Sciences (RAS). He is Senior Research Fellow at the Institute of Applied Geosciences of the Karlsruhe Institute of Technology, Germany, and Chief Scientist / Research Professor at the RAS Institute of Earthquake Prediction Theory and Mathematical Geophysics in Moscow. He has been a visiting scholar/professor at the University of Cambridge (UK), UCLA, University of Tokyo (Japan), Institut de Physique du Globe de Paris (France), University of Uppsala (Sweden), University of the Chinese Academy of Sciences in Beijing (China), and the Abdus Salam International Centre for Theoretical Physics in Trieste (Italy). He is Secretary of the International Science Council (ISC), and served the International Union of Geodesy and Geophysics (IUGG) as Secretary-General (2007-2019). He is elected Fellow of the Academia Europaea, American Geophysical Union, IUGG, Royal Astronomical Society, and a recipient of several awards and medals.

Robert Gasior

Staff Officer