

## PROF. PAUL ARTHUR BERKMAN

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Professor Paul Arthur Berkman is a Fellow of the International Science Council and Founder of the Science Diplomacy Center™ in the United States. He is a Faculty Associate with the Program on Negotiation at Harvard Law School and a Visting Distinguished Professor with the International Institute of Science Diplomacy and Sustainability (IISDS) in Malaysia. Paul wintered in Antarctica on a SCUBA research expedition with Scripps Institution of Oceanography in 1981 and became a Visiting Professor at the University of California Los Angeles the following year at the age of 23, when he began to develop science diplomacy.

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He wintered in Antarctica on a SCUBA research expedition with Scripps Institution of Oceanography in 1981 and became a Visiting Professor at the University of California Los Angeles the following year at the age of 23, when he began to develop science diplomacy, as reflected in his 2002 textbook about SCIENCE INTO POLICY: GLOBAL LESSONS FROM ANTARCTICA. Celebrating the 50<sup>th</sup> anniversary of the 1959 ANTARCTIC TREATY – “*with the interests of science and the progress of all mankind*” – Prof. Berkman co-convoked and chaired the *Antarctic Treaty Summit* in Washington, DC in 2009. The first book on SCIENCE DIPLOMACY was published by the Smithsonian Institution as a legacy of this holistic (international, transdisciplinary and inclusive) dialogue in 2009 – sponsored by more than forty organizations around the world, including the United Nations with a keynote from H.E. Ban Ki-moon (United Nations Secretary-General) as well as the United States House of Representatives and United States Senate (which adopted a joint resolution with unanimous consent about the Antarctic Treaty that was crafted by Prof. Berkman). Applying science-diplomacy lessons the following year at the University of Cambridge as a Fulbright Distinguished Scholar, he co-directed and chaired the first formal dialogue between NATO and Russia regarding security in the Arctic, resulting in the Springer book on ENVIRONMENTAL SECURITY IN THE ARCTIC OCEAN with nearly 90,000 downloads. Insights from that high-level dialogue were communicated more broadly with the *New York Times* in 2013 about “*Preventing an Arctic Cold War*” – anticipating current circumstances would arise without common-interest building to balance conflict-resolution strategies. With the Foreign Ministries Science and Technology Advice Network (FMSTAN), Prof. Berkman co-convoked the *1st and 2nd International Dialogues on Science and Technology Advice in Foreign Ministries* in 2016 and 2017. His transdisciplinary research spans: aquatic biology; biological oceanography; coastal ecology; data management; engineering; international law; marine geochemistry; paleoecology; and science diplomacy with lifelong learning about inclusion (who, what, when, where, why and how) to make informed decisions (*operating across a ‘continuum of urgencies’*). His triangulation with research, education and leadership opened the door to *Holistic Integration for Arctic Coastal-Marine Sustainability* projects from 2013-2022 with support from national science agencies in Canada, China, France, Norway, Russia and the United States. Prof. Berkman also is senior editor of the Springer book series on INFORMED DECISIONMAKING FOR SUSTAINABILITY. Helping to build common interests with global inclusion, in 2023 he coordinated the GLOBAL INDIGENOUS YOUTH SUMMIT ON CLIMATE CHANGE (GIYSCC) that was hosted by the United Nations Institute for Training and Research (UNITAR) with 1300+ registrants from 112+ nations across 88+ languages. Additionally in 2023, he was awarded a Guinness World Record, which he set in 1981 for *the Deepest Dive through an Ice Hole* (16 meters) through the McMurdo Ice Shelf, Antarctica. For his science-diplomacy contributions “*to balance national interests and common interests for the benefit of all on Earth across generations*” – Prof. Berkman has been honoured with awards in the United States, United Kingdom, Switzerland, Russian Federation, Norway, New Zealand, Japan and France. Paul is happily married with two daughters.

