Peace is not merely the absence of war and violence. A "positive peace" is the political, economic and social systems that are needed to maintain peaceful societies. An international group, led by the Advanced Consortium on Cooperation, Conflict, and Complexity (AC4) at Columbia University, is using multidisciplinary approaches to understand the conditions needed for this sustainable peace.

Dr. Liebovitch will discuss, how he, along with AC4, has developed causal loop diagrams of peace factors and developed a graphical user interface so that scholars and policy makers can explore those models, and are now using data science methods to measure quantitative values of those peace factors from databases and social media.