

"Bright" - Beautiful Knowledge: Fulbright Program Celebrates 60 Years in Israel

The purpose of the display is to visualize the knowledge migration process in academia and the contribution made by Fulbright alumni to the creation and dissemination of knowledge. To this end, the metaphor of "spreading light" was chosen, which in this case describes the global, academic process in which researchers cite articles published in journals. The team working on this display employed concrete information they extracted from a database contributed by the Elsevier Company. The database focuses on several researchers' articles and their citations in other articles. The spread of light is illustrated by spheres of light moving from the center to the perimeter. These movements represent the genealogy of the citations: from a Fulbright researcher's article, to articles that cite that article, and so on. The display conveys the experience of a journey through the stars' lights, where the viewer moves within the world of research, and his gaze alternates between a broad view (zoom out) and a penetrating look inside (zoom in). The display exhibits the disciplinary evolution of research work. Each discipline is represented by a different color, and by using the control panel, the viewer can get an impression of which disciplines the articles appear in, the various disciplines in which they are cited, and their level of influence. The display was created by Ronen Wolfson, David Kantor, Maxim Bassin, and Gil Zablodovsky, all of the Holon Institute of Technology. The advisors for this project are Avi Muller and Dror K. Levi.