Dr. Lederhendler was trained in psychology and behavioral neurobiology and was active in laboratory research for many years before moving into research administration. As a program official at NIMH Dr. Lederhendler fostered communications and collaborations between NIH Institutes and Centers and with external organizations. He is respected as a scientist in the extramural community that has honored him with a number of awards. His activities as a scientist and NIH health scientist administrator has led him to view knowledge management together with other data mining, and reporting tools to be at the core of analytic activities that NIH will need to accurately reflect its scientific accomplishments and manage its many challenges. Dr. Lederhendler has a history of interest and participation in merging scientific portfolio analysis with electronic tools for data integration and analysis. Recently, as interim project manager of the Electronic Research Administration, Director of the Office of Research Information Services, and finally as Director of the Division of Information Services, he has been promoting the value of such tools for research program decision support.

Agency scientific management staff have an unrealized and unique role to play in facilitating research. Research scientists are appropriately focused on relative narrow problems. To achieve broader integration and increase the likelihood of interdisciplinary breakthroughs, informatics-savvy managers can provide value to programmatic areas through the effective use of scholarly databases in combination with network analysis of research metadata and demographics.