

Carl was born on a westbound freight train along the Polish Ukrainian border. He came to the United States at age three and after a short stay in Brooklyn, New York, grew up in Cleveland, Ohio. He has lived in ten different states “long enough to get mail.” But he remains a Clevelander at heart. His favorite teams are the Cleveland Indians, the Cleveland Browns, the Boston Celtics and the Philadelphia Flyers. Carl and his wife, Miriam, a Professor in the Department of Education at Fairleigh Dickinson University have been married for over thirty years and have three sons and three grandchildren – thank heavens for digital cameras. In addition to photography Carl enjoys cycling and the 5-string banjo – and he’s yet to find a music genre that he doesn’t like (but he’s still looking.)

He served as a Vice President with the Enterprise Program Management Office at the Bank of New York Mellon where he provided oversight and guidance to critical Information Technology projects. His professional interest areas include project management, strategy and planning, management processes, quantitative methods, and approaches to quality.

His prior work experience includes building a Program Management Office at Information Builders, Inc., a software development and consulting firm. He served as a senior consulting faculty member at IBM’s Advanced Business Institute (ABI) where he focused on issues related to effective management.

He was recruited to IBM to develop tools for formally leveraging project expertise. His teams developed several engagement models for software maintenance and for Rapid Custom Development, a methodology that can be used when time to market is critical.

Prior to IBM, he worked with Bell Communications Research with a focus on software development processes and software quality. Previously, Dr. Singer managed requirements at General Electric for a large, multi-year project. He also was the International Management Scientist and Foreign Exchange Manager for Chase Econometrics, and served as a consultant to the Chase Manhattan Bank’s Executive Vice President, Financial Planning and Budgeting, tackling such diverse problem areas as political risk, bank competitive analysis, and economic forecasting.

He has extensive software engineering experience and developed the first Problem Statement Language and Analyzer (PSL/PSA). Dr. Singer is the Working Group Chair for the Institute of Electrical and Electronics Engineers (IEEE) Standards for Computer Tool Interconnections. He also serves on the Management Board of the IEEE Software and Systems Engineering Standard’s Committee (S2ESC.) He has published in various journals and has spoken extensively on Project Management related subjects.

He served in the U.S. Army from 1970 to 2001 in both active and reserve status and held the rank of Colonel. He was part of an elite “mini-staff” within the Army Chief of Staff’s Office. He also served with the Secretary of the Army for Research, Development and Acquisition where he reported to the Chief Scientist of the Army. His last assignment was at the U.S. Army War College’s Center for Strategic Leadership where he led a team in support of the annual Strategic Crisis Exercise. He is a graduate of both the U.S. Army War College, and the U.S. Army Command and General Staff College, and awards include the Legion of Merit.

Dr. Singer has a B.S. in Organizational Science from Case Institute of Technology and did graduate work there in Operations Research. He has an M.S. in Industrial and Operations Engineering from the University of Michigan, and a Ph.D. from Purdue University’s Krannert School of Management. He is a Project Management Professional, PMP<sup>®</sup>, and a Six Sigma Green Belt.