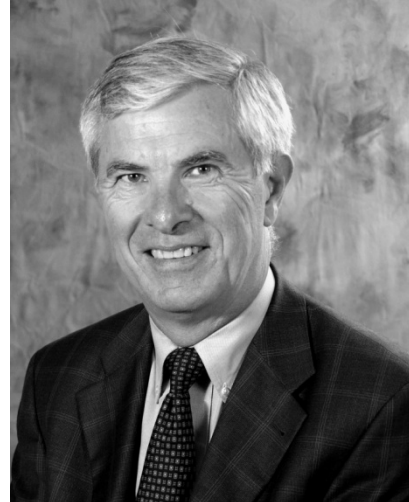


## **William R. Pulleyblank**

William R. Pulleyblank is a Professor of Operations Research in the Department of Mathematical Sciences at The United States Military Academy, West Point. He joined the faculty in 2010, after a career that spanned both academia and business.

His previous position was IBM Vice President, responsible for launching the Business Analytics and Optimization function within IBM Global Services. This group develops and deploys high powered optimization and analytic capabilities to improve the business performance of a broad range of companies.



Prior to this, he was the Director of Exploratory Server Systems and Director of the Deep Computing Institute within IBM Research. The Deep Computing Institute was founded following in 1997 following the success of the IBM chess computer, Deep Blue, against the then world champion, Gary Kasparov. The research teams he led provided broad-based support to IBM's server activities as well as leading research in high performance computing. This included the Blue Gene project, which led to the creation of the Blue Gene/L supercomputer which was certified as the most powerful supercomputer in the world in 2004 and maintained this distinction until 2008. He also served as the Research relationship executive responsible for the Financial Services sector in IBM, the Utility and Energy Services industry, and for the Business Intelligence group. He was Director of Mathematical Sciences in IBM Research from 1995 to 2000.

Prior to his business career, Dr. Pulleyblank was the Canadian Pacific/Natural Sciences and Engineering Research Council Professor of Optimization and Computer Applications in the Department of Combinatorics and Optimization at the University of Waterloo. His publication record includes collaboration with many of the top names in discrete mathematics, optimization, theoretical computer science and advanced technology.

Dr. Pulleyblank has served on a number of boards and advisory panels, including the Advisory Committee of the Division of Mathematics & Physical Sciences of the National Science Foundation, the Board on Mathematical Sciences of the National Research Council (US), the iCORE Board of Directors, the Science Advisory Board of the National Institute of Aerospace, and the Scientific Advisory Panel of The Fields Institute for Research in Mathematical Sciences. He is a member of the Board of Regents of Canada's National Institute of Nanotechnology, the Board of The Institute for Quantum Computing and The Scientific Advisory Committee of the Council of Canadian Academies. In addition, he serves on the editorial boards of a number of journals.

Dr. Pulleyblank has been awarded honorary degrees from The College of St. Rose and from McMaster University. He is a Fellow of the Fields Institute of Mathematical Sciences and member of Omega Rho, the International Honor Society of The Institute for Operations Research

and Management Science. In 2005 he was awarded a Faculty of Mathematics Alumni Achievement Medal by the University of Waterloo and an Alberta Centennial Medal in recognition of contributions to the province of Alberta. In 2007 he was elected a Fellow of INFORMS, the international operations research and management science society.

In 2008, the Blue Gene project which he led was awarded the National Medal of Technology and Innovation. In 2010 Dr. Pulleyblank was elected to the National Academy of Engineering.