President of NAE, vice-chair of NRC for past 11 years.

During time at NAE, has been on leave from Virginia University, Charlottesville, where he is a University Professor and AT&T Professor of Engineering and Applied Sciences.

While at UVa, completely revised the undergraduate computer science curriculum, did research on computer architecture and security, and worked with humanities scholars to help them learn to exploit IT.

Other positions he has held include: assistant director at NSF; CEO of Tartan Laboratories, Inc.; and professor of computer science at Carnegie Mellon

Author of 3 books and over 100 papers and technical reports. Holds 2 U.S. patents.

Will leave NAE at the end of June and return to UVa,
  o Will develop a course in engineering for liberal arts majors, designed to give them the knowledge and mental tools they need to be good citizens in a technology-intensive democracy.
  o As president of Georgia Tech and chair of the NAE Engineer of 2020, I can vouch for not only for the importance of this endeavor, but to its appeal for students – fastest growing GT college is Ivan Allen College of Liberal Arts, because it lives at the nexus between the liberal arts and technology.

Mission of NAE is to marshal the knowledge and insights of the nation’s best engineers to promote the technological welfare of the United States.

Bill has done an admirable job over the past decade, issuing a clarion call to the nation and its engineers to prepare for a global economy dominated by technology.
  o *Rising Above Gathering Storm* – a comprehensive report that has been much cited by others and was a stimulant for Pres. Bush’s competitiveness initiative.
  o Bill recently said: “In a world where advanced knowledge is widespread and low-cost labor readily available, U.S. science and technology advantages have been steadily eroding… Achieving [our] goals will require a long-term, bi-partisan commitment from a broad range of people working together – including scientists, engineers, health professionals, educators, politicians and industry leaders.”

Bill now preparing to continue that effort in a new setting as he returns to UVa. Wish him all the best and look forward to hearing about his new engineering course for liberal arts majors.