

Biographical Summary - Philip L. Miller - June, 2007

Dr. Miller joined the Software Engineering Institute in 2005. He heads the Academic Initiative and is responsible for bringing Internet based Blended Learning to the SEI. Dr. Miller is the principal architect of the SEI's Mexican TSP Initiative and has earned authorization as PSP Instructor and TSP Coach.

Dr. Miller co-founded iCarnegie Inc. along with Dr. Allan Fisher in July 1998. iCarnegie has been chartered by Carnegie Mellon University with the international mission of delivering a world-class education in software development through partnering institutions. iCarnegie uses Internet technology and faculty support to reach thousands of students who otherwise would not have access to the CMU level of education. Dr. Miller's principal responsibilities include course creation, course delivery, quality assurance, sales and customer relations. Dr. Miller served on the Board of Directors of iCarnegie from its inception through his departure in April 2005. iCarnegie has served over 100,000 course enrollments in more than 30 partnerships. Major partnerships exist throughout the world.

Dr. Miller was at Carnegie Mellon University from 1979 until the creation of iCarnegie. At CMU Dr. Miller built and directed the Introductory Programming Group. This group annually taught classes to about 1,000 CMU students and members of that group often won the top teaching award in computer science.

Dr. Miller won research grants in excess of 3-million dollars with the lion's share coming from the National Science Foundation and lesser amounts being awarded by Apple Computer and the U.S. Department of Defense. The research focused on building computerized systems for teaching. The best known of these systems, the MacGnome Programming Environments, were used at Harvard, Stanford, Texas and a number of other universities as well as Carnegie Mellon. Dr. Miller founded the Center for Art and Technology. He directed this unit from 1984 through 1987 as it blended elements of Computer Science with the College of Fine Arts, pursuing an aggressive agenda of collaborative research.

Dr. Miller has been a national and international leader in computer science education throughout his career, perhaps most notable for the creation of the College Board's Advanced Placement Course and oversight of the SAT Math exam. From 1976 -1979 Dr. Miller was Assistant Professor of Political Science and Statistics and Computer Science at West Virginia University following completion of his Ph.D.

Dr. Miller lives with his wife in the Pittsburgh Pennsylvania area. His interests have included decades of marathon running and dog training. Dr. Miller's passion is service to the Saint Francis Home for Children, an orphanage, clinic and school in the war-ravaged and impoverished Lake Atitlán western highlands of Guatemala.