

For Immediate Release

Peter Denning, Ph.D., Presented with the Albert Nelson Marquis Lifetime Achievement Award by Marquis Who's Who

Dr. Denning has been endorsed by Marquis Who's Who as a leader in the engineering industry

MONTEREY, CA, July 31, 2018, Marquis Who's Who, the world's premier publisher of biographical profiles, is proud to present Peter Denning, Ph.D., with the Albert Nelson Marquis Lifetime Achievement Award. An accomplished listee, Dr. Denning celebrates many years of experience in his professional network, and has been noted for achievements, leadership qualities, and the credentials and successes he has accrued in his field. As in all Marquis Who's Who biographical volumes, individuals profiled are selected on the basis of current reference value. Factors such as position, noteworthy accomplishments, visibility, and prominence in a field are all taken into account during the selection process.



In 50 years as a computer scientist and engineer, Dr. Denning has made important contributions to his field. He was a pioneer in operating systems, the all-important control programs and interfaces for computer systems; he discovered the principle of locality that became central for managing memory. He codified the principles of operating systems and led their incorporation into the standard curriculum. He co-founded the CSNET, the first community network to use the Internet technology and to lead the transition from the original ARPANET. He founded a movement to identify and teach the great principles of computing. He shaped the standard computer science curriculum now taught throughout the world. He co-founded the Center for the New Engineer at George Mason University, where he pioneered in designing the Internet's first online learning modules. He invented a new framework for achieving innovation

based on the idea that innovation is adoption of new practice in a community and has taught it to students under the name "Sense 21" since 1993. He has been a prolific writer with nearly 450 published articles and 11 books.

Dr. Denning has been recognized as a distinguished professor with the Naval Postgraduate School since 2006, where he chaired the computer science department since 2002 and directed the Cebrowski Institute for Innovation since 2003. His long academic career includes four years at Princeton University, eleven years at Purdue University, and eleven years at George Mason University. He chaired the computer science departments at Purdue and George Mason.

Dr. Denning's career includes eight years at NASA Ames Research Center, where he was founding director of RIACS, the Research Institute for Advanced Computer Science. In the early 1980s, RIACS was one of the first centers in computational science, bringing leading computer scientists to work with NASA scientists on projects in the Space Program, especially high performance computing for aircraft design, telescience over the Internet, and neural networks for artificial intelligence.

During all those years, Dr. Denning was an active contributor to his professional society, the Association for Computing Machinery (ACM). He edited four journals including *Communications*, ACM's monthly flagship magazine. He chaired three boards including the Publications Board, where he led the development of the ACM's digital library, the first full online library offered by a professional society. He served as an officer, council member, and President.

Dr. Denning began his career as a student at Manhattan College, obtaining a Bachelor of Electrical Engineering in 1964. He then joined the Massachusetts Institute of Technology, where he earned a Master of Science in electrical engineering in 1965 and a Doctor of Philosophy in 1968. He also holds honorary doctorates from Manhattan College, Concordia University and Pace University.

Throughout his career, Dr. Denning has been recognized for his contributions with 28 awards for technical contribution, education, and professional service. He is most proud of his 1959 grand award for building a linear-equation solving computer for his high school science project, his international award for co-founding CSNET, his Hall of Fame awards for his early work in operating systems, and his outstanding educator awards.

In recognition of outstanding contributions to his profession and the Marquis Who's Who community, Dr. Denning has been featured on the Albert Nelson Marquis Lifetime Achievement website. Please visit www.ltachievers.com for more information about this honor.

About Marquis Who's Who®:

Since 1899, when A. N. Marquis printed the First Edition of Who's Who in America®, Marquis Who's Who® has chronicled the lives of the most accomplished individuals and innovators from every significant field of endeavor, including politics, business, medicine, law, education, art, religion and entertainment. Today, Who's Who in America® remains an essential biographical source for thousands of researchers, journalists, librarians and executive search firms around the world. Marquis® publications may be visited at the official Marquis Who's Who® website at www.marquiswhoswho.com.