Professional Biography of
Dr. Roger K. Summit
Chairman Emeritus, Dialog

Dr. Roger K. Summit is the founder and chairman emeritus of Dialog. An expert in information systems design, Dr. Summit conducted pioneering work beginning in 1962 while at the Lockheed Corporation that led to the creation of Dialog, the first-of-its-kind online information retrieval system. He has since held respected positions at Dialog and on national and international advisory boards and in professional associations, and has received numerous honors. Dr. Summit has published over 100 papers and journal articles based on his knowledge of and experience with online information services.

Career Highlights

Under Dr. Summit's direction, various versions of Dialog called RECON were installed in the 1960s for such government agencies as NASA, the U.S. Atomic Energy Commission and the European Space Agency. Dialog is associated with several "firsts" in information retrieval milestones:

- The first national network of terminals involving a large-scale database in 1967, via several NASA facilities accessing the NASA database of 400,000 aerospace citations.
- The first trans-European information retrieval network in 1969 operated by the European Space Research Organization.
- The first extensive nationwide application of a non-defense related online information retrieval service in 1969 offering the ERIC database (educational materials) to teachers and researchers via several centers around the country.

In 1972, Dialog was established as a commercial information retrieval business within the Lockheed Palo Alto Research Laboratory. Ten years later in 1982, the company spun-off as a wholly owned subsidiary with Dr. Summit as president. In 1988, he participated in the successful sale of Dialog to Knight-Ridder, Inc. In February 1990, Dr. Summit was named president of Knight-Ridder's newly created Electronic Publishing Group, and in 1991 he assumed the office of chairman and chief executive officer. Dialog has grown to be the world's most extensive online information retrieval service – offering more than 1.4 billion unique records from more than 900 databases equaling over 15 terabytes of information; used by more than 25,000 corporate clients in 103 countries.

Following his retirement in late 1991, Dr. Summit was named chairman emeritus of Dialog and subsequently Knight-Ridder Information. Since that time he has delivered invited papers, served on several public and private boards of directors and become strongly positioned in the development and use of Internet applications and services. In 1998, he was appointed to the board of directors of Dialog.

Further Professional Experience

Beyond the significant amount of time Dr. Summit has invested in Dialog, he has also engaged in a number of other professional ventures. He has been widely published and has spoken frequently in the field of information sciences, and has been a member of several national committees dealing with information policy. Following are select examples of Dr. Summit's other professional experiences.

- Communications Officer, United States Navy (1952–1955)
- Associate Professor, Graduate School of Business, San Jose State University, San Jose, Calif., U.S.A. (1963–1965)
- Visiting Professor, Chico State College, Chico, Calif., U.S.A. (1980, 1984)
- Lecturer, Foothill College, Los Altos Hills, Calif., U.S.A. (1984)
- Lecturer, University of Michigan (1990-1991).

Education

Dr. Summit holds a doctorate in management science (1965), a master's in business administration (1957) and a bachelor's in psychology (1952), all from Stanford University in Stanford, Calif., U.S.A. Dr. Summit's dissertation is titled *Simulation of a Management Decision Process Utilizing a Business Model of the Aerospace Industry* (December 1965).

Awards, Honors and Achievements

Dr. Summit has received numerous honors throughout his distinguished career. Following are a few select examples of these achievements.

- Miles Conrad Memorial Lecture and Award, National Federation of Abstracting and Information Services (1996)
- Isadore Gilbert Mudge – R. R. Bowker Award, Reference and Adult Services Division, American Library Association (1995)
- Board of Visitors, University of Pittsburg School of Library and Information Science (1992+).
- Award of Merit, American Society for Information Science (1991)
- Distinguished Service Award, Information Industry Association (1991)
- Honorary Membership Award, Special Libraries Association (1989)
- Elected Fellow of the American Association of Science (AAAS) (1986)
- Appointed to Advisory Board of the Leavey School of Business and Administration, Santa Clara University (1986)
- LITA/Gaylord Award for Achievement in Library and Information Technology, American Library Association (1984)
- Honorary Fellowship, Institute of Information Scientists, Great Britain (1983)
- Hall of Fame Award, Information Industry Association (1982)
- Information Product of the Year Award, Information Industry Association (1975)
- Special Invention Award for the Aerospace Business Environment Simulator Computer Program, Lockheed Missiles and Space Company (1968)

Charitable and Civic Affiliations

- Library Commissioner, City of Los Altos Hills (1995+); Chairman (1997)
- Member, Board of Directors, Community School of Music and Arts (1994+); Treasurer (1996)

Professional Affiliations and Memberships

- Member, Information Industry Association (1975+; Director, 1978-1982)
- Member, American Society for Information Science (1975+)
- IEEE, (1975+; Vice President, 1975-1976)
- Member, Association of Information Dissemination Centers (Vice President, 1975–1976)
- Member, Science and Technology Information Working Group of the U.S. Department of Commerce & MIT
- Member, Public/Private Sector Relations Task Force, National Committee on Libraries and Information Science
- Trustee, Engineering Information, Inc. (1978-1981)
- Fellow, American Association for the Advancement of Science (1982+)
- Member, Advisory Board, Auerbach Publishers, Inc. Journal of Information Strategy
- Member, Editorial Board, Communication Technology Impact, England (1982+)
- Member, Information Institute Advisory Board, International Academy at Santa Barbara (1982)
- Member, Invitational Conference on Information Economy of California, UCLA, Los Angeles, (1984)
- Council Delegate, American Association for the Advancement of Science, Section on Information Computing and Communication (1985 and 1986)
- Member, Advisory Board, Leavey School of Business and Administration, Santa Clara University (1986-1988)
- Member, University of Pittsburgh Board of Visitors, School of Library and Information Science (1989+)
- The Executive Committee (1988-1991)

A Sample of Published Articles by Dr. Roger Summit

"Dialog and the User: An Evaluation of the User Interface With a Major Online Retrieval System." Proceedings of a Workshop, Palo Alto, California, 1-15 January 1971; edited by Donald E. Walker, Montvale, New Jersey, SFIPS Press. 1971.

"In Search of the Elusive End User." Online Review. Vol. 13 (6) December 1989, pp. 485-491. Eight refs.

"Knowledge Online: Current Implications and Future Trends." In: Proceedings of the 1st East-West Online Information Meeting, Moscow, USSR, 11-13 October 1989.

"Online 2000 and Beyond: Where Can We Go?" 13th National Online Meeting, Medford, New Jersey, Learned Information, Inc., 1992, p. 5-13. Il. Refs.

"Online Information: A Ten-Year Perspective and Outlook." Online, Vol. 11 (1) January 1987, p. 61-64.

"Outlook for Electronic Information Services." Tudomanyos es Mueszaki Tajekoztatas. Vol. 37 (10) October 1990, pp. 403-408. Two refs.

"Problems and Challenges in the Information Society-the Next Twenty Years." Journal of Information Science, Vol. 1 (4) October 1979, pp. 223-226. Five refs.

"Problems and Outlook for the Information Services Industry." Proceedings of the EUSIDIC Conference, Oslo, 4th-5th December 1975.

"Remote Information Retrieval Facility." Report NASA-CR-1318; N-07-68-1. Lockheed Missiles and Space Co., Inc., Palo Alto, California, April 1969.

"Technology and Innovation – Heredity and Environment of Development." Technology and Competence. Proceedings of the 8th Nordic Conference on Information and Documentation, Helsingborg, 19-21 May 1992, p. 33-7. Refs.

"The Dynamics of Costs and Finances of On-line Computer Searching." Research Quarterly, Vol. 20 (1) Fall 1980, pp. 60-63. Illus.

"The Emerging Internationalism of Online Information Retrieval." ERIC report. ED-190 103, Arlington, Virginia, Educational Resources Information Center, 1980.

"The New Information Paradigm – Threat or Opportunity (or Both)?" 1996 Miles Conrad Memorial Lecture, Philadelphia, 26-28 February 1996. National Federation of Abstracting and Information Services Newsletter, April/May 1996, pp. 57-69.

"Traditional Services and/or the Internet." Proceedings of the 1996 TLS Conference on Information and Documentation, Stockholm, 19-20 November 1996. (In publication).

"Will Full-text On-line Files Become 'Electronic Periodicals'?" Serials Review Vol. 14 (3) 1988, pp. 7-10.

A Sample of Articles About Dr. Roger Summit

"A New Shortcut to Electronic Libraries." <u>Business Week</u>, No. 2844 (Industrial/Technology Edition), p. 106. May 1984.

"American Databanks on the Alert." <u>Online</u>. Vol. 12 (No.1), January 1988, p. 26–8. (Based on discussions with Dialog's Roger Summit...)

"Award for Roger Summit." <u>Electronic Publishing Review</u>. Vol. 3 (No. 1), March 1983, p. 4.

Berry, John. "Intermediaries: Our Tough, New Job." (Editorial). <u>Library Journal</u>. Vol. 109, May 1, 1984, p. 834.

Garman, Nancy. "The New Online: Traveling the New Electronic Highways." Online, v17, n5, p8(2), September 1993.

Kesselman, Martin. "Online Update." (Column). <u>Wilson Library Bulletin</u>. Vol. 58, June 1984, p. 732.

Kiechel, Walter. "Everything You Always Wanted to Know May Soon Be Online." <u>Fortune</u>. Vol. 101, May 5, 1980, p. 226.

Markoff, John. "Dialog: New Input Reshapes Data Business." <u>San Francisco Examiner</u>. (1987) p. vD4.

Newman, Donald. "Dialogue on Dialog: Interview with Roger Summit." <u>Wilson Library Bulletin</u>. Vol. 60, January 1986, p. 21.

"Online Visits Lockheed." <u>Online</u>. Vol. 2, October 1978, p. 61.

Pemberton, Jeff. "Roger Summit Retires ... The End of the Beginning of the Online Industry." (Editorial). Online, v16, n1, p8(2). Jan. 1992.

Pemberton, J.K. and J.P. Emard. "Dialog in 1984 – An Interview with Roger K. Summit." <u>Online</u>. Vol. 8 (No. 2), March 1984, p. 13-20.

Pemberton, J.K. "Online Interviews Roger K. Summit, President & CEO of Dialog Information Services, Inc." <u>Online</u>. Vol. 13 (No. 2), March 1989, p. 31-37.

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Quint, Barbara. "Silver Anniversary! Golden Future? (Searcher's Voice)(Dialog Information Services Inc.'s 25th Anniversary) (Editorial)." Searcher, v5, n1, p4(2), January 1997.

"Roger K. Summit. (Brief Article)." Online, v16, n2, p87(1), March 1992.

"Roger Summit: Retired Founder Still Busy Changing the World. (Dialog Information Services, Inc. founder) (Interview)."

Smith, B. "Dialog – Patriarch of the Online Generation Holds Industry Leads." <u>Information Today</u>. Vol. 1 (No. 5), May 1984, p. 11-13. (Interview).

Spivak, Jonathan. "Common Market Nations Ready EURONET to Compete with U.S. Data–Bank Services." <u>Wall Street Journal</u>. Vol. 101, p. 8, August 13, 1979.