Abridged Resume of EDUCAUSE Principle Contact

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Education
- BA 1969, Mathematics, minor Humanities, University of Minnesota
- Ph.D. 1975, Mathematics, University of California, Berkeley

Selected employment history
- 7/1998-present: Vice President, EDUCAUSE. Lead the EDUCAUSE program in government relations and policy analysis. Coordinate the development of issues, policy positions, and related education and communications with members, partners, and government decision-makers. Lead Net@EDU, a coalition of campus IT leaders working to advance the state of networking in higher education.
- 12/1997-6/1998: Vice President, Educom. Lead the Networking and Telecommunications Task Force, responsible for activities and issues of network policy in higher education including policy analysis and the annual Networking Conference.
- 12/1995-12/1997: Director, NSFNET Program, National Science Foundation. Lead NSF's network infrastructure programs including the high-performance, K12, and college "Connections to the Internet" grants, the Network Access Points, the vBNS high-performance network, the Routing Arbiter, and related development awards. Organize external review and strategic planning for NSF's future role in network support for research and education. NSF lead on implementation team for the President's Next Generation Internet initiative and liaison with university-based Internet 2.
- 8/1992-12/1997: Director, Division of Information Technology, University of Wisconsin-Madison. Chief Information Officer responsible for strategic planning, leadership, and budgeting for campus information technologies including academic computing, administrative computing, networking, video, voice telecommunications, and printing. Chair of the Board of Directors, CICNET; Board of Trustees, Educom; Elections committee: CAUSE; Founding committee member, National Learning Infrastructure Initiative; Program Committee, Seminars for Academic Computing 95; Member, Common Solutions Group.
- 11/90-8/91: Acting Chief Information Officer, University of Minnesota System.
- 1975-1990 (sequentially): Acting Dean of Science and Engineering, Assistant Vice Chancellor for Academic Administration, Professor of Computer Science, Director of Information Services, Head of new program in Computer Science, faculty member, University of Minnesota, Duluth.

Selected professional presentations
- Keynote address on "New Frontiers in Education: Democratizing Access with New Technologies" at the President's Millennium Series, The George Washington University, February 2000.
- Invited speaker, Presidents Workshop on Advanced Networking and Higher Education, American Association for State Colleges and Universities, Puerto Rico, November 1999.
- Keynote address and concluding presentation, Chilean National Conference on Technology in Higher Education, Santiago, Chile, October 1999

- Invited panelist, Commission on the Advancement of Women and Minorities in Science, Engineering, and Technology Development, Seattle, WA, October 1999.
- Speaker, White House Summit on Y2K in Higher Education, Washington DC, October, 1999
- Keynote address on "The Impact of Information Technology on Higher Education" at the mini-convention on information technology of the Annual Meeting of the American Psychological Association, Boston, Massachusetts, August 1999.
- Keynote address on "Issues for Higher Education in Advanced Networking" at the summer IT conference of the National Communications Association, Washington DC, July 1999.
- Member of Panel on "Convergence of IT Staff and Organizations" at the annual conference of the Association of College and University Telecommunications Administrators, Nashville, Tennessee, July 1999.
- Invited leader of track on "Building Partnerships for Research using Advanced Networks" at the CENIC annual conference, Monterey, CA, May 1999.
- Invited address, "The Future of Advanced Networking" at the International Association for Management Education (AACSB), Atlanta, Georgia, April 1999.
- Invited address, "Technical Preparations for Advanced Networking" at the American Association of Community Colleges, Nashville, Tennessee, April 1999.
- Presented the recommendations of the EDUCAUSE/NSF workshop on the future of advanced networking programs in the National Science Foundation at the American Association for the Advancement of Science, Washington DC, February 1999.
- Panel presenter on "Advanced Networking" at the Congressional Black Caucus Internet Forum, Washington, DC, September 1998.
- Session chair on "Advanced Networking", Internet Society, Geneva, Switzerland, July 1998.
- Over fifty presentations at CAUSE, Educom, CNI, other university associations, industry groups, foreign countries, government committees, congressional hearings, NSF Workshops, press briefings, CSPAN, etc., on the Next Generation Internet and the implications of high-performance networking for higher education, 1995-1997.

Selected committees and Associations
- EDUCAUSE Task Force on System Security, 2000-present.
- EDUCUASE representative to ICANN, 1999-present.
- Member, Internet Society Advisory Committee, 1998-present.
- Chair and leader, NSF invited workshop on the future of NSF programs for advanced networking, 1998.
- Member, Alliance for Information Technology in Higher Education, 1998.
- Chair, Federal government workshop on Next Generation Internet, 1997.
- Co-chair, implementation team for federal Next Generation Internet program, 1996-97.

Selected professional activities
- 1999, Editor, "Preparing Your Campus for a Networked Future," Jossey-Bass.
- 1999, Principal investigator, 4-year NSF cooperative agreement for Advanced Networking with Minority Serving Institutions.
- 1999, Principal investigator, NSF award for a Workshop: Identifying and Implementing a Coordinated Strategy for E-Commerce, Security, and PKI in Higher Education
- 1998, Principal investigation, NSF award for a Workshop: Planning the Next Stage of NSF Advanced Networking Research and Development
- 1998, Principal investigator, NSF award for National Outreach Program for Advanced Networking in Higher Education.