

CURRICULUM VITAE - DAVID K. SCOTT

Date of Birth	March 2, 1940	
Married	Kathleen Louise (Smith), 1966:	Medievalist
Children	Wendelin Kay, 1967:	Bard College (B.A. Anthropology & Creative Writing)
	Kelvin William Marshall, 1969:	Michigan State University (B.A. Multidisciplinary Program, Arts and Letters) (B.A. Teacher Education)
		Harvard University (M.A. Education and Technology)
		University of Michigan (Ph.D. English and Educational Technology)
	Jeremy Knight, 1972:	Reed College (English)
Degrees Awarded	B. Sc. (1st Class Hons. in Physics) Edinburgh University	1962
	D. Phil. (Nuclear Physics) Linacre College, Oxford University	1966
	M. A. (Oxon)	1969
	D. Sc. (Honorary) Sejong University, S. Korea	1997
Appointments	Research Fellow, Balliol College Oxford University	1967-1973
	Research Officer, Nuclear Physics Laboratory Oxford University	1970-1973
	Staff Scientist Lawrence Berkeley Laboratory	1973-1976
	Senior Scientist Lawrence Berkeley Laboratory	1976-1979
	Scientific Director Cyclotron Laboratory Lawrence Berkeley Laboratory	1978-1979

Visiting Scientist Centre d'Études Nucléaires de Saclay, Paris, France	1980
John A. Hannah Distinguished Professor of Physics and Astronomy and of Chemistry Michigan State University	1979-1986
Associate Director for Nuclear Research National Superconducting Cyclotron Laboratory Michigan State University	1982-1983
Associate Provost Michigan State University	1983-1986
Provost and Vice President for Academic Affairs Michigan State University	1986-1992
John A. Hannah Distinguished Professor in Learning, Science and Society Michigan State University	1992-1993
Chancellor, University of Massachusetts Amherst	1993-

Societies

(Through election)

Fellow of American Physical Society

Lansing Chamber of Commerce

PHI BETA KAPPA, TAU SIGMA, PHI KAPPA PHI, SIGMA XI,
PHI BETA DELTA (Honor Society for International Scholars)

Optimists Club of East Lansing, Michigan

Member of Growing Pride Organization of East Lansing, Michigan
(an organization to improve the community)

President of East Coast Chapter of the Linacre Society
of the University of Oxford

1994-

Awards and
Recognitions

Grierson Scholarship to Edinburgh University	1958
Chalmers Research Scholarship to Oxford University	1962
Science Research Council Fellowship	1966
Fulbright Travel Grant	1973
Recognition Award in Appreciation of Strong and	

Continued Support of Upward Bound Programs and
the Greater Lansing Community 1986

Circulo Dorado Award from the Michigan Hispanic
Scholarship Fund in Cooperation with the State Board
of Education and the Office of Hispanic Education in
recognition of the educational advancement of Hispanics
in Michigan through the establishment of the Julian
Samora Research Institute 1989

Recognition Award from MSU Office of Programs
for Handicapped Students for Outstanding Leadership
in Developing an Environment of Opportunity and
Excellence 1989

College of Agriculture and Natural Resources, MSU,
Minority Appreciation Program: 1989 Continuous
Support Award for Longstanding Commitment to
the Goals of the Program 1989

National Association of Chicano Studies Midwest
FOCO, in recognition of commitment to the
advancement of the Chicano and Hispanic community 1990

Hispanic and Native American Indian Faculty-Staff
Association Award in recognition of contribution and
leadership to MSU Hispanic and Native American
Indian Communities 1990

Listings

Who's Who in the World 8th - 17th Edition
(to 2001)
Who's Who in the Midwest 21st - 24th Edition
(to 1999)

American Men and Women of Science
(Physical and Biological Sciences) 16th - 18th Edition
(to 1997)

Who's Who in America 44th - 55th Edition
(to 2001)

Who's Who in American Education 3rd, 4th & 5th Edition

Who's Who in Science and Engineering 2nd - 5th Edition
(1994-1999)

Who's Who in the East 26th & 30th Edition
(to 2000)

Who's Who Among Top Executives

Teaching, Research and Service

(a) Courses taught at Michigan State University (MSU)

- 1980 987 Advanced Course on Nuclear Collisions; two terms of lectures and one of organizing Distinguished Visiting Lecturers.
- 1981 987 Advanced Course on Nuclear Techniques; two terms of lectures and organization of course.
- 1982 Advanced Lectures on Symmetry in Physics and Chemistry.
- 1982 Faculty Seminar Series on "When Nuclei Collide".

(b) Supervision of Research Students (MSU)

S. Angius (Physics and Astronomy) M.S.

Michael Curtin (Physics and Astronomy) Ph.D.

J. Kupstas (Chemistry) M.S.

Barbara Jacak (Chemistry) Ph.D.

(c) Guidance Committees (MSU)

Chair of Guidance Committee for B. Jacak (Chemistry)

Chair of Guidance Committee for N. Matsushita (Chemistry)

2nd Reader, Dissertation Committee for Z. Koenig (Chemistry)

Member of Guidance Committee for J. Duffy (Physics and Astronomy)

Member of Guidance Committee for E. Ormand (Physics and Astronomy)

Member of Guidance Committee for H. Melanson (Physics and Astronomy)

Chair of Guidance Committee for Michael Curtin (Physics and Astronomy)

Chair of Ph.D. Oral Committee for J. Carvalho (Chemistry)

Chair of Guidance Committee for Mark Curtin (Physics and Astronomy)

Member of Guidance Committee for C. Chitwood (Physics and Astronomy)

Committees

a) Lawrence Berkeley Laboratory

Member of Laboratory-Wide Scientific Program Council (1976-1979).

Co-chair of Future Accelerator Planning Committee (1978-1979).

Member of the HISS (Heavy Ion Superconducting Spectrometer), Scientific Advisory Panel (1978).

Member of Nuclear Science Advisory Body to the Director of the Laboratory (1979).

b) Michigan State University

Electronics Committee, Cyclotron Laboratory (1980-1982).

Committee for Continuing Appointments, NSCL (1980-1982).

Member, Committee to Review Chemical Physics Programs (1981-1983).

Chair, Graduate Recruiting Committee (Physics) (1981-1982).

Member, Chemical Physics Committee (1981-1983).

Member of Advisory Committee, Physics and Astronomy (1981-1982).

Member, Graduate Recruiting Committee (Physics) (1982-1983).

Chair, Promotion Committee for S. Mahanti (1982).

Committee for Selection of Rhodes Scholar Candidates (October, 1984).

Committee for Selection of Churchill Scholar Candidates (November, 1985).

c) State, National and International Committees

Member of the National SuperHILAC Program Advisory Committee, (1976-1979); Chairperson, (1979).

Member of Review Committee, Division of Nuclear Physics, Oak Ridge National Laboratory, (1979-1983); Chairperson, (1983).

Member of NUSAC (Nuclear Science Advisory Committee), Working Group for Long Range Planning for Heavy Ion Nuclear Science (1979).

Member of Subcommittee of NUSAC on Future Heavy Ion Facilities in U.S. (1981).

Member of DOE Review Panel on Heavy Ion Facilities in the U.S. (1981).

Member of Bevalac Program Advisory Committee, Lawrence Berkeley Laboratory (1981-1984).

Member of Review Panel for Oak Ridge National Laboratory Experiment on Neutron Oscillation (1982).

Judge for Scientist of the Year Award, Impressions 5 Museum (1982).

Member of Program Advisory Panel for National Superconducting Cyclotron Laboratory, Michigan State University (1982-1984).

Member of Review Committee of Scientific Program Council of the Gesellschaft für

Member of American Physical Society, Division of Nuclear Physics, Committee on Relations with the Press (1982-1983).

Member at Large of American Physical Society, International Physics Group (1984-1986).

Member of Executive Council of Academic Affairs of NASULGC (1989-1992).

Member of CIC Executive Committee (1988-1990).

Member of University of Chicago Board of Governors for Argonne National Laboratory (1989-1997).

Member of Science and Technology Advisory Committee, Argonne National Laboratory (1989-1993); Chairperson (1993).

Member of NASULGC Task Force on National Youth Service (1989).

Member of Futures Team 2020 of Michigan Department of Agriculture, Future of Agriculture in Michigan (1989-1990).

Member of Board of Overseers for Fermi National Accelerator Laboratory, University Research Association (1990-1993).

Chairperson NASULGC Council on Academic Affairs - Faculty Committee (1991-1992).

Member of American Association for Higher Education (AAHE) Study Group on Balancing the Teaching, Research and Service Mission of the University (1991-1995).

Member of Board of Directors of the Michigan Higher Education Institute (1991-1992).

Member of Board of Directors of Manufacturing Partnership of Western Massachusetts (1994-1995).

Member of West Regional Board of Directors of Baybank, Massachusetts (1993-).

Member of Educational Advisory Board, Oracle Corporation (1994-1995).

Member of Board of Directors of Westmass Area Development Corporation (1993-1996).
Member of ACE Commission on International Education (1994-).

Chair of ACE Commission on International Education (1995-).

Member of Board of Directors of Massachusetts Ventures Corporation (1994-).

Trustee for Plan for Progress of the Pioneer Valley Planning Commission (1994-1995).

Consultant to Commission on Women in Higher Education, American Council on Education, (1994-).

Chair of Advisory Group on Faculty Roles and Rewards, Leadership Council, American Association on Higher Education, (1995-).

Chair of NCAA Certification Review Panel for Northwestern State University, Louisiana, February 1996.

Chair of Higher Education Division of United Way, Franklin County, 1995-1996 and 1996-1997.

Chair of Plenary Session of AAHE Forum on Faculty Roles and Rewards, Atlanta, Georgia, January 19-22, 1996.

Member of the Search Committee for the Director of the Argonne National Laboratory, University of Chicago, (1995-1996).

Member of the Executive Committee of the Board of Directors of Massachusetts Campus Compact, (1995-).

Member of Board of Directors of Economic Development Council of Western Massachusetts (1996-).

Member of the National Advisory Council to the National Consortium on Global Perspectives in Higher Education (1996-).

Member of the Learning Communities Network Board of Trustees (1997-).

Member of the Campus Compact National Research Advisory Council on Service Learning in Higher Education (1997-).

President of Council of Presidents, New England Land Grant Universities, 1997-1998.

President of Board of Directors, Five Colleges, Incorporated, 1997-1999.

Chair of Hampshire Community United Way Campaign, 1998.

Member of the United States Department of State Delegation to the UNESCO World Conference on Higher Education, Paris, France, October 1998.

Member of the United States delegation of Presidents of Colleges and Universities to Israel, sponsored by the Israeli Ministry of Foreign Relations through the Consular Office of Academic Affairs in New York and by the Israel Friendship League, November 1-10, 1998.

Co-Chair of the Alexis de Tocqueville Society for the Hampshire Community United Way Campaign, 1999-2000, 2000-2001.

Member of the Advisory Council of the Inter-American Organization of Higher Education, October, (1999 -).

Member of the Executive Committee of the Linacre College Development Council, University of Oxford, (1999 -).

Member of the Administrative Board of the International Association of Universities (IAU), 2000-2004.

d) Conference Organization

Member of Organizing Committee for Brookhaven National Laboratory Conference on Heavy Ion Physics from 10-200 MeV/nucleon (1979).

Chairperson of First and Originator of International Conferences on Nucleus-Nucleus Collisions (first held at MSU 1982).

Member of Advisory Board for Second Indo-U.S. Conference on Nuclear Physics (1982).

Member of International Advisory Committee for International Conference on Nuclear Physics, Firenze (1982).

Member of International Advisory Committee for Workshop on Coincident Particle Emission from Continuum States in Nuclei (1983).

Member of International Advisory Committee for 2nd International Conference on Nucleus-Nucleus Collisions, Visby, Sweden (1985). Nucleus-

Member of International Advisory Committee for International Conference on Nuclear P

Coordinator of 1st International Workshop on Local Equilibrium in Strong Interaction Physics
(1985).

Co-organizer of lectures at Ettore Majorana School of the Scientific Culture: Nucleus-Nucleus C

Member of International Advisory Committee for International Summer School on Nuclear Phase Transitions and Heavy Ion Reactions, Jilun University, Changchun, PRC (1986).

Member of International Advisory Committee for 3rd International Conference on Nucleus-Nucleus Collisions, Caen, France (1988).

Organizer of Executive Seminar for Leaders of Research Universities, Faculty Rewards: Promoting Multidimensional Excellence, Michigan State University and Committee on Institutional Cooperation, Kellogg Center, MSU (June 1991).

Member of Organizing Group for American Association of Higher Education Conference on Faculty Roles and Rewards, San Antonio, Texas (January 1993).

Member of Organizing Committee of Conference on Going Public with Spirituality in Work and Higher Education, University of Massachusetts Amherst, June 4-6, 2000.

e) Editorial Boards, Refereeing, Reviewing

Referee for Nuclear Physics A, Physical Review C, Physical Review Letters, Physics Letters.

Correspondent for News and Comments Section of Nature (1972-1973).

Writer for Nuclear Physics McGraw-Hill Encyclopedia of Science and Technology (1979, 1980).

Reviewer for DOE, NSF and other miscellaneous research proposals.

Member of Editorial Board of KINAM (Mexico) (1978 -).

Associate Editor, Nuclear Physics A (1982-1988).

Member of Editorial Board for Comtex Scientific Corporation (Series N Nuclear and Radiochemistry) (1982).

Member of Board of Directors, MSU Press (1982-1986).

Publications in Refereed Journals, Scientific Proceedings, Review Papers, Books and Magazines
(Omitting Abstracts)

1. A Fast Computing Circuit for Particle Identification using Signals from a E.E Counter Telescope, P.S. Fisher and D.K. Scott, Nucl. Inst. and Meth. 49, 301 (1965).
2. Intermediate Structure in ^{13}N , D.K. Scott, P.S. Fisher and N.S. Chant, Nucl. Phys. A99, 177 (1967).
3. Asymmetries and Differential Cross Sections for the $^{12}\text{C}(\text{p,d})^{11}\text{C}$ and $^{16}\text{O}(\text{p,d})^{15}\text{O}$ Reactions Induced by Polarized Protons, N.S. Chant, P.S. Fisher and D.K. Scott, Nucl. Phys. A99, 699 (1967).
4. The reactions $^{14}\text{N}(\text{p},^3\text{He})^{12}\text{C}$, $^{14}\text{N}(\text{d},)^{12}\text{C}$, $^{13}\text{C}(\text{p,d})^{12}\text{C}$ and the 4^+ Level of ^{12}C , D.K. Scott, P.M. Portner, J.M. Nelson, A.C. Shotter, A.J. Mitchell, N.S. Chant, D.C. Montague, and K. Ramavataram, Nucl. Phys. A141, 497 (1970).
5. Intermediate Structure and the Reaction $^{28}\text{Si}(\text{p,p}')^{28}\text{Si}^*$, A.C. Shotter, P.S. Fisher and D.K. Scott, Nucl. Phys. A159, 577 (1970).
6. Heavy-Ion Reactions as a Technique for Direct Mass Measurements of Unknown $Z > N$ Nuclei, J. Cerny, C.U. Cardinal, K.P. Jackson, D.K. Scott and A.C. Shotter, Phys. Rev. Lett. 25, 676 (1970).63.
7. One, Two and Three Nucleon Transfer Reactions Induced by ^{12}C Ions on ^{12}C , ^{16}O , and ^{40}Ca , D.K. Scott, C.U. Cardinal, P.S. Fisher, P.N. Hudson, N. Anyas-Weiss, J. de Phys. C6, Tome 32, 275 (1971).
8. Selective Excitation of One, Two and Three Nucleon Configurations in Transfer Reactions Induced by Heavy Ions, D.K. Scott, P.N. Hudson, P.S. Fisher, C.U. Cardinal, N. Anyas-Weiss, Phys. Rev. Lett. 28, 1969 (1972).
9. Heavy-Ion Reactions on ^{208}Pb at Energies Well Above the Barrier, D.K. Scott, P.N. Hudson, P.S. Fisher, N., Anyas-Weiss, A.D. Panagiotou and D.M. Brink, Proceedings of the Aix-en-Provence
10. Super Selectivity in Heavy-Ion Transfer Reactions, D.K. Scott, P.N. Hudson, P.S. Fisher, N. Anyas-Weiss, A.D. Panagiotou, P.J. Ellis and B. Buck, Proceedings of the Aix-en-Provence Conference on Nuclear Physics Vol. 2, p. 75 (1972).
11. Alpha Transfer Reactions Initiated by Heavy-Ions and Spin Determinations in the Residual Nucleus, A.D. Panagiotou, D.K. Scott, P.S. Fisher, P.N. Hudson, N. Anyas-Weiss, J.C. Cornell and A. Menchaca-Rocha, Proceedings of the Aix-en-Provence Conference on Nuclear Physics, Vol. 2, p. 77 (1972).
12. Mass Measurements of Neutron-Excess Nuclei by the (^{11}B , ^8B) Reaction, D.K. Scott, C.U. Cardinal, P.N. Hudson, P.S. Fisher and N. Anyas-Weiss, Atomic Masses and Fundamental Constants, IV, edited by J.H. Sanders and A.H. Wapstra, p. 54 (Plenum, 1972).
13. Compound System Formation at $E_{\text{CM}} = 36$ MeV in $^{14}\text{N} + ^{12}\text{C}$ $^6\text{Li} + ^{20}\text{Ne}$, T.A. Belote, N. Anyas-Weiss, J.A. Becker, J.C. Cornell, P.S. Fisher, P.N. Hudson, A. Menchaca-Rocha, A.D. Panagiotou and D.K. Scott, Phys. Rev. Lett. 30, 450 (1973).
14. Heavy-Ion Transfer Reactions on ^{208}Pb above the Coulomb Barrier, N. Anyas-Weiss, J. Becker, T.A. Belote, J.C. Cornell, P.S. Fisher, P.N. Hudson, A. Menchaca-Rocha, A.D. Panagiotou and D.K. Scott, Phys. Rev. Lett. 45, 231 (1973).
15. Structure of States in ^{20}Ne from the Reactions $^{18}\text{O}(^{11}\text{B}, ^9\text{Li})^{20}\text{Ne}$ and $^{16}\text{O}(^{11}\text{B}, ^7\text{Li})^{20}\text{Ne}$, D. Strottman, N. Anyas-Weiss, J.C. Cornell, P.S. Fisher, P. Hudson, and D. Scott, Phys. Lett. 47B, 231 (1973).
16. $^{12}\text{C} + ^{12}\text{C}$ Elastic and Inelastic Scattering at 114 and 174 MeV, N. Anyas-Weiss, J.A. Becker, T.A. Belote, J.C. Cornell, P.S. Fisher, P.N. Hudson, A. Menchaca-Rocha, A.D. Panagiotou and D.K. Scott, Phys. Lett. 47B, 16 (1973).

17. High Energy Heavy-Ion Transfer Reactions, D.K. Scott, Argonne Symposium on Heavy-Ion Transfer Reactions, Argonne Report PHY 1973B, Vol. 1, p. 97.
18. Multinucleon Transfer Reactions, D.K. Scott, International Conference on Nuclear Physics (Munich, 1973). eds., J. de Boer and H.J. Mang (North-Holland, 1973) Vol. 2, p. 215.
19. States of ^{20}Ne Excited in Multinucleon Transfer Reactions, A. Menchaca-Rocha, N. Anyas-Weiss, J.C. Cornell, P.S. Fisher, P.N. Hudson, A.D. Panagiotou, D.K. Scott, and D. Strottman, Proceedings of the International Conference on Nuclear Physics (Munich 1973), eds., J. de Boer and H.J. Mang (North Holland, 1973) Vol. 2, p. 458.
20. Nuclear Structure of Light Nuclei Using the Selectivity of High Energy Transfer Reactions with Heavy-Ions, N. Anyas-Weiss, J.C. Cornell, P.S. Fisher, P.N. Hudson, A. Menchaca-Rocha, D.J. Millener, A.D. Panagiotou, D.K. Scott, D. Strottman, D.M. Brink, B. Buck, P.J. Ellis and T. Engeland, Phys. Rep. 12C, 210 (1974).
21. Angular Correlation Study of the $^{16}\text{O}(^7\text{Li};t, ^{16}\text{O})^{20}\text{Ne}$ Reaction, A.D., Panagiotou, J.C. Cornell, N. Anyas-Weiss, P.N. Hudson, A. Menchaca-Rocha, D.K. Scott and B.E.F. Macefield, J. Phys. A: Nucl. Gen. 7, 1748 (1974).
22. A More Accurate Mass for ^8He , Joseph Cerny, N.A. Jelley, D.L. Hendrie, C.F. Maguire, J. Mahoney, D.K. Scott and R. Weisemiller, Phys. Rev. C 10, 2654 (1974).
23. The Massive Transfer Reaction $^{208}\text{Pb}(^{20}\text{Ne}, ^{233}\text{Th})$, C.F. Maguire, B.G. Harvey, D.L. Hendrie, D.K. Scott, L. Kraus, J. Mahoney, Y. Terrien, K. Yagi and W. von Oertzen, Proceedings of the International Conference on Reactions Between Complex Nuclei (Nashville, 1974) Vol. 1, p. 84.
24. Spectroscopy of Exotic Nuclei Using Heavy-Ion Transfer Reactions, D.K. Scott, B.G. Harvey, D.L. Hendrie, L. Kraus, C.F. Maguire, J. Mahoney, Y. Terrien, T. Udagawa, K.S. Low and T. Tamura, Phys. Rev. Lett. 34, 96 (1975).
25. One and Multistep Processes in the Reaction $^{144}\text{Nd}(^{12}\text{C}, ^{14}\text{C})^{142}\text{Nd}$, K. Yagi, D.L. Hendrie, L. Kraus, C.F. Maguire, J. Mahoney, D.K. Scott, Y. Terrien, T. Udagawa, K.S. Low and T. Tamura, Phys. Rev. Lett. 34, 96 (1975).
26. Interference Between Direct and Indirect Modes in Two-Nucleon Transfer Reactions with Heavy Ions, D.K. Scott, B.G. Harvey, D.L. Hendrie, U. Jahnke, L. Kraus, C.F. Maguire, J. Mahoney, Y. Terrien and K. Yagi, Phys. Rev. Lett. 34, 895 (1975).
27. The $^{208}\text{Pb}(^{16}\text{O}, ^{15}\text{O})^{209}\text{Pb}$ Reaction, F.D. Becchetti, B.G. Harvey, D.G. Kovar, J. Mahoney, C. Maguire and D.K. Scott, Phys. Rev. C 12, 894 (1975).
28. Analysis of High Energy Heavy-Ion Transfer Reactions, D.K. Scott, Classical and Quantum Mechanical Aspects of Heavy-Ion Collisions, eds., H.L. Harvey, P. Braun-Munzinger, and C.K. Gelbke (Springer-Verlag 1975) p. 175.
29. New Aspects of High Energy Heavy-Ion Transfer Reactions, D.K. Scott, Proceedings of the INS-IPCR Symposium on Cluster Structure of Nuclei and Transfer Reactions Induced by Heavy-Ions, IPCR Cyclotron Progress Report, Supplement 4, 419 (1975).
30. Long Lived States at High Excitation Energies in ^8Be and ^{10}B , F. Ajzenberg-Selove, C.F. Maguire, D.L. Hendrie, D.K. Scott and J. Mahoney, Phys. Rev. C13, 46 (1976).
31. Semiclassical and Quantum Mechanical Aspects of One and Two Nucleon Transfer, D.K. Scott, D.L. Hendrie, L. Kraus, C.F. Maguire, J. Mahoney, Y. Terrien, and K. Yagi, Phys. Rev. Lett. 36, 226 (1976).

32. Energy Levels of ^{12}N , C.F. Maguire, D.L. Hendrie, D.K. Scott, J. Mahoney and F. Ajzenberg-Selove, Phys. Rev. C 13, 933 (1976).
33. Response of Pilot U Scintillator to Heavy Ions, M. Buenerd, D.L. Hendrie, U. Jahnke, J. Mahoney, A. Menchaca-Rocha, C. Olmer, and D.K. Scott, Nucl. Inst. and Meth. 136, 173 (1976).
34. $^{142}\text{Nd} (^{18}\text{O}, ^{16}\text{O})^{144}\text{Nd}$ Reaction and its Contrast to $^{144}\text{Nd} (^{12}\text{C}, ^{14}\text{C})^{142}\text{Nd}$ Reaction, K. Yagi, D.L. Hendrie, U. Jahnke, C.F. Maguire, J. Mahoney and D.K. Scott, Phys. Rev. C 14, 351 (1976).
35. On the Contribution of Alpha Cluster Exchange to Elastic and Inelastic $^{16}\text{O} + ^{20}\text{Ne}$ Scattering, R. Stock, U. Jahnke, D.L. Hendrie, J. Mahoney, C.F. Maguire, W.F.W. Schneider, D.K. Scott and G. Wolschin, Phys. Rev. C 14, 1824 (1976).
36. Similarity of Cross Sections for Peripheral Collisions at 20 MeV/A and 2.1 GeV/A, M. Buenerd, C.K. Gelbke, B.G. Harvey, D.L. Hendrie, J. Mahoney, A. Menchaca-Rocha, C. Olmer and D.K. Scott, Phys. Rev. Lett. 37, 1191 (1976).
37. Trends of Isotope Yields Observed in Reactions Induced by ^{16}O Ions of 140, 315, and 33600 MeV, C.K. Gelbke, M. Buenerd, D.L. Hendrie, J. Mahoney, M.C. Mermaz, C. Olmer, and D.K. Scott, Phys. Lett. 65, 227 (1976).
38. Energy Dependence of the $^{208}\text{Pb} (^{16}\text{O}, ^{15}\text{N})^{209}\text{Bi}$ Reaction, C. Olmer, M.C. Mermaz, M. Buenerd, C.K. Gelbke, D.L. Hendrie, J. Mahoney, A. Menchaca-Rocha, D.K. Scott, M.H. Macfarlane and Steven C. Pieper, Phys. Rev. Lett. 38, 476 (1976).
39. Reactions Induced by Heavy-Ions at Energies of 29 and 26 MeV/nucleon on Heavy Targets, M. Buenerd, C.K. Gelbke, D.L. Hendrie, J. Mahoney, A. Menchaca-Rocha, C. Olmer and D.K. Scott, Communications to European Conference on Nuclear Physics with Heavy Ions (Caen, 1976).
40. Particle-Particle Angular Correlations in Peripheral Heavy-Ion Reactions, C.K. Gelbke, M. Bini, C. Olmer, D.L. Hendrie, J.L. Laville, J. Mahoney, M.C. Mermaz, D.K. Scott and H.H. Wieman, Phys. Lett. 71B, 83 (1977).
41. Influence of Intrinsic Nucleon Motion on Energy Spectra and Angular Distributions for ^{16}O -Induced Reactions at 20 MeV/A, C.K. Gelbke, D.K. Scott, M. Bini, D.L. Hendrie, J.L. Laville, J. Mahoney, M.C. Mermaz and C. Olmer, Phys. Lett. 70B, 415 (1977).
42. Experimental Study of the E2 Strength Distribution in ^{12}C and ^{16}O Nuclei, M. Buenerd, C.K. Gelbke, D.L. Hendrie, J. Mahoney, C. Olmer and D.K. Scott, J. de Phys. (Lettres) 38, L53 (1977).
43. The Continuum in Heavy-Ion Reactions, D.K. Scott, M. Bini, C.K. Gelbke, D.K. Hendrie, J.L. Laville, J. Mahoney, M.C. Mermaz and C. Olmer, Heavy Ion Collisions (Falls Creek, Tennessee, 1977).
44. Observation of Striking Shape Differences Between 2^+ Angular Distributions for Heavy-Ion Induced Two Neutron Stripping and Pickup Reactions in Transitional Samarium Nuclei, C.F. Maguire, D.L. Hendrie, U. Jahnke, J. Mahoney, D.K. Scott, J.S. Vaagen, R.J. Ascutto and K. Kumar, Phys. Rev. Lett. 40, 358 (1978).
45. Systematic Study of Coulomb Absorption in Heavy Ion Scattering, P. Doll, M. Bini, D.L. Hendrie, S.K. Kauffmann, J. Mahoney, A. Menchaca-Rocha, D.K. Scott, T.J.M. Symons, K. Van Bibber, Y.P. Viyogi, H. Wieman and A.J. Baltz, Phys. Lett. B76, 556 (1978).
46. Energy Dependence of Peripheral Reactions Induced by Heavy Ions, C.K. Gelbke, C. Olmer, M. Buenerd, D.L. Hendrie, J. Mahoney, M.C. Mermaz and D.K. Scott, Phys. Reports 42C, 311 (1978).

47. Energy Dependence of Elastic Scattering and One-Nucleon Transfer Reactions Induced by ^{16}O on ^{208}Pb -II, C. Olmer, M. Mermaz, M. Buenerd, C.K. Gelbke, D.L. Hendrie, J. Mahoney, D.K. Scott, M.H. Macfarlane and S.C. Pieper, Phys. Rev. C18, 205 (1978).
48. A Review of the Experimental Situation in Heavy Ion Physics, D.K. Scott, Summer School in Physics (Mexico, 1977), Instituto de Fisica, UNAM, Vol. 1, No. 5 (1978).
49. Heavy Ion Experiments, D.K. Scott, Lectures Presented at the Scottish Universities Summer School in Physics (St. Andrews, 1977), eds., S.J. Hall and J.M. Irvine, SUSSP 1978, p. 557.
50. From Nuclei to Nucleons, D.K. Scott, Proceedings of 1st Oaxtepec Symposium on Nuclear Physics (Mexico City, Mexico, January 3-5, 1978), Nota de Fisica, Vol. 1, 221 (1978).
51. The Current Experimental Situation in Heavy-Ion Reactions, D.K. Scott, Lectures delivered at the NATO/NSF Advanced Studies Institute on Theoretical Methods in Medium-Energy and Heavy-Ion Physics, (Madison, Wisconsin, June 12-13, 1978), eds., K.W. McVoy and W.A. Friedman (Plenum Press, 1978) p.2 .
52. Masses of the Unbound Nuclei ^{16}Ne , ^{15}F , and ^{12}O , G.J. Kekelis, M.S. Zisman, D.K. Scott, R. Jahn, D.J. Vieira, Joseph Cerny, and F. Azjenberg-Selove, Phys. Rev. C17, (1979).
53. Fragmentation of ^{40}Ar at 213 MeV/nucleon, Y.P. Viyogi, T.J.M. Symons, P. Doll, D.E. Greiner, H.H. Heckman, D.L. Hendrie, P.J. Lindstrom, J. Mahoney, D.K. Scott, K. Van Bibber, G.D. Westfall, H. Wieman, H.J. Crawford, C. McParland and C.K. Gelbke, Phys. Rev. Lett. 42, 33 (1979).
54. Observations of New Neutron-Rich Isotopes by Fragmentation of 205 MeV/nucleon ^{40}Ar Ions, T.J.M. Symons, Y.P. Viyogi, G.D. Westfall, P. Doll, D.E. Greiner, H. Faraggi, P.J. Lindstrom and D.K. Scott, Phys. Rev. Lett. 42, 366 (1979).
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94. Commencement Addresses by Faculty and Recent Graduates of MSU, Fall and Winter Terms 1979-1984, D.K. Scott, Winter Term 1982, p. 25. MSU Publication (1985).
95. Proceedings of the 3rd Advanced Materials Workshop on Laser Applications in Advanced Materials and Mechanics, Traverse City, 1985, M.S.U. Publications, 1986.

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97. Lectures on Critical Phenomena in Nuclear Systems at 2nd International School on Nuclear Physics, Ettore Majorana Center for Scientific Culture, Erice, Sicily, 1985, ed. A. Faessler, Pergamon Press (1985).
98. Fragment Production in Intermediate Energy Heavy Ion Collisions, B.V. Jacak, G.D. Westfall, G.M. Crawley, D.Fox, C.K. Gelbke, L.H. Harwood, B.E. Hasselquist, W.G. Lynch, D.K. Scott, H. Stocker, M.B. Tsang, G. Buchwald and T.J.M. Symons, Phys. Rev. C35, 1751 (1987).
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100. "Paradigms Lost and Regained", article in MSU Alumni Magazine, Fall 1990, pp. 16-19.
101. "The Faculty Role in the University-Based Residential Continuing Education Center," Proceedings of the Kellogg Conference on University-Based Residential Continuing Education, published by College of Continuing Education of University of Oklahoma, 1992, pp. 145-165.
102. Transforming Scholarship, David K. Scott and Susan M. Awbrey, in Change, July/August, 1993, pg. 38.
103. The Third Transformation: Universities into the Next Century. In "Bridging the Atlantic", Proceedings of the Fourth International Conference of the American Association of University Administrators, (Pp.24-32). Dublin, Ireland: AAUA, September 1993, with Susan Awbrey.
104. "The Transformation of the University," David K. Scott and Susan M. Aubrey, Proceedings of the Conference on Women in Science and Engineering, Council on Institutional Cooperation, Bloomington, Indiana, 1993 (127 page monograph bound separately).
105. Knowledge into Wisdom: Incorporating Inherent Values and Benefits to Construct a Wise University, Awbrey, S. & Scott, D. K. in To Improve the Academy, New Forums Press, Inc., Oklahoma, 1994, p. 161.
106. "Transforming the University for the Information Age," David K. Scott and Susan M. Awbrey, The Faverman Group Newsletter, Michigan, April, 1995.
107. "Transformation of the University: Implications for the Future of Higher Education," David K. Scott, Susan M. Awbrey and Virginia Vincenti, in Teaching in Land Grant and State Universities: New Perspectives in Human Science, edited by Penny Ralston and Virginia Vincenti, National Association of State Universities and Land Grant Colleges, Monograph, 1997.
108. The Connected University: Building Community in a Pluralistic World. Paper presented at "The Engaged Campus: Organizing to Serve Society's Needs", American Association for Higher Education National Conference on Higher Education, Washington, D. C., Awbrey, S. M. & Scott, D. K., (March 1995).
109. Educating critical thinkers for a democratic society. Paper presented at "Critical Thinking: The
110. Creating integrative universities for the twenty-first century. The University of the Twenty-First Century. 19th Annual European Association for Institutional Research (EAIR) Forum, University of Warwick, Coventry, United Kingdom, Awbrey S. M. and Scott, D. K., (August 1997).
- I. Put to the Test: Teacher Faces Greater Accountability Standards." Article in Case Currents, February, 2000.

112. "Spirituality in an Integrative Age," in *Education as Transformation, Religious Pluralism, Spirituality and a New Vision for Higher Education in America*, edited by Victor H. Kazanjian, Jr. and Peter L. Laurence, Peter Lang Publisher, 2000.

I. "Filling in the Moat Around the Ivory Tower," in *Learning to Serve: Promoting Civil Society Through Service Learning*, Scott, D. K. and Miller, V., by Kluwer Academic Publishers, Norwell, MA, to be published 2000.

I. "Making Space for Spirit in the Department," to be published in *Department Chair*, 2000.

**Invited Talks
(State, National and International)**

1. High Energy Heavy-Ion Transfer Reactions, Symposium on Heavy-Ion Transfer Reactions (Argonne, 1973).

2. Multinucleon Transfer Reactions, International Conference on Nuclear Physics (Munich, 1973).

3. Analysis of High Energy Heavy-Ion Transfer Reactions, Symposium on Classical and

Quantum Mechanical Aspects of Heavy-Ion Collisions (Heidelberg, 1974).

4. New Aspects of Heavy-Ion Transfer Reactions, International Conference on Cluster Structure of Nuclei and Transfer Reactions Induced by Heavy-Ions (Tokyo, 1975).
5. The Use of Heavy-Ion Transfer Reactions in the Region of 10 MeV/nucleon, APS Meeting (Knoxville, Tennessee, 1975).
6. Nucleus-Nucleus Collisions at Medium Energy, Third Summer Study on High Energy Heavy-Ion Physics (Lawrence Berkeley Laboratory, 1976).
7. Exotic Nuclear Reactions in the Light Elements, American Chemical Society (San Francisco, 1976).
8. Low Energy Heavy-Ion Fragmentation Reactions, SuperHILAC/Bevalac Users Meetings (Berkeley, 1977).
9. Lectures on Heavy-Ion Reactions, Latin American Summer School on Physics (Mexico City, 1977).
10. Lectures on Heavy-Ion Experiments, Scottish Universities Summer School (St. Andrews, 1977).
11. From Nuclei to Nucleons, 1st Oaxtepec Symposium on Nuclear Physics (Mexico, 1978).
12. Lectures on the Current Experimental Situation in Heavy Ion Reactions, NATO-NSF Advanced Study Institute on Theoretical Methods in Medium Energy and Heavy-Ion Physics (Madison, 1978).
13. Energy Dissipation in Heavy Ion Reactions, Meeting of the Division of Nuclear Physics, APS (Asilomar, 1978).
14. Toward Asymptopia: Direct Reactions Beyond 10 MeV/nucleon, HHIRF ORNL Users Meeting (ORNL, 1978).
15. Heavy Ion Experiments, Address to the Italian Physical Society at the LXIV Congresso Nazionale, Societa Italiana de Fisica (Sienna, 1978).
16. Lectures on "Towards Relativistic Heavy Ion Collisions", International School on Nuclear Physics, "Ettore Majorana" (Erice, Sicily, 1978).
17. Lectures on "Transition from Low Energy to Relativistic Heavy Ion Collisions", Twelfth Summer School on Nuclear Physics-Study of Nuclear Structure by means of Nuclear Reactions (Mikolajki, Poland, 1979).
18. Lectures on "Direct Reactions with Heavy Ions" Summer School on Heavy Ion Physics at a Few Tens of MeV/nucleon (Serre-Chevalier, France, 1979).
19. Summary speaker, Symposium on Heavy Ion Physics from 10 to 200 MeV/nucleon (Brookhaven National Laboratory, 1979).
20. Microscopic Aspects of Relativistic Nuclear Collisions, Workshop on Nuclear Collisions at 10 to 200 MeV/nucleon (Copenhagen, 1979).
21. Nuclear Physics with Heavy Ions at High Energies, Workshop on the MIMAS Project (Saclay, Paris, 1980).
22. Lectures on Giant Resonances, Topical Meeting on Heavy Ion Collisions, International Center for Theoretical Physics (Miramare, Trieste, 1980).
23. Summary Speaker, International Conference on Extreme States in Nuclear Systems (Dresden, GDR, 1980).
24. Nuclear Physics at Relativistic Energies, Institute of Physics Meeting on Trends in Nuclear Structure Physics (Manchester, 1980).

25. Lectures on Heavy Ion Reactions at Intermediate Energies, International School on Nuclear Structure (Alushta, Crimea, 1980).
26. Nuclear Collisions at Intermediate Energy, International Conference on Nuclear Structure (Berkeley, California, 1980).
27. Light Particle Emission in Nucleus-Nucleus Collisions, 3rd Adriatic Europhysics Study Conference on "Dynamics of Heavy Ion Collisions" (Hvar, Yugoslavia, 1981).
28. Heavy Ion Collisions at Intermediate Energy, Conference of the European Physical Society, (Nuclear Physics Division) on "Nuclear and Atomic Physics with Heavy Ions" (Bucharest, Romania, 1981).
29. Summary Address, European Physical Society Conference on "Nuclear and Atomic Physics with Heavy Ions" (Bucharest, Romania, 1981).
30. Relativistic Heavy Ion Collisions, Annual Congress of the Canadian Association of Physicists (Halifax, Nova Scotia, 1981).
31. Plenary Address on Extreme States in Nuclear Matter, European Physical Society 5th General Conference, "Trends in Physics" (Istanbul, Turkey, 1981).
32. The Disassembly of Nuclear Matter, XX International Winter Meeting on Nuclear Physics (Bormio, Italy, 1982).
33. Emission of Complex Fragments in Heavy Ion Collisions, Winter School on Theoretical Aspects of Heavy Ion Collisions (Hirschegg, Austria, 1982).
34. Commencement Address, (Michigan State University, Winter 1982).
35. College of Natural Science, Distinguished Alumni Lecture on "When Nuclei Collide," (Michigan State University, 1982).
36. National Merit Scholars Day Lecture on "Cyclotrons for Science, Culture and Society," (Michigan State University, 1982).
37. "What can we hope to learn from 20 to 200 MeV/nucleon ?", Nuclear Structure Gordon Conference (New Hampshire 1982).
38. Rapporteur for Panel on "Workshop on Need for Electro-magnetically Separated Isotopes" (Research Applications in Physics and Chemistry) (1982).
39. Nuclear Collisions at Intermediate Energies, International Conference on Heavy Ion Physics and Nuclear Physics (Catania, Sicily, 1983).
40. Lecture to Free Masons Society, "The MSU Cyclotron," (1983).
41. Critical Phenomena in Nucleus-Nucleus Collisions at Intermediate Energy, 6th High Energy Heavy Ion Study and 2nd Workshop on Anomalons (Lawrence Berkeley Laboratory, 1983).
42. Review Lecture on Nuclear Physics at 2nd Symposium on Pan-American Collaboration in Experimental Physics (Rio de Janeiro, 1983).
43. Critical Phenomena in Intermediate Energy Heavy Ion Collisions, Symposium on Current Trends in Heavy Ion Reaction Studies held in conjunction with the American Chemical Society National Meeting (Washington, D.C., August 1983).
44. Lecture to Faculty Folk on "Research at NSCL," (Michigan State University, 1983).

45. Lecture to Tau Sigma Society on "In Search of El Dorado," (Michigan State University, 1983).
46. Lecture on "Science as Writer" series: Writing Science in the Real World (Michigan State University, 1983).
47. Lectures on "Nuclear Instabilities" at International School of Heavy Ion Physics, 1st Course: Frontiers in Nuclear Dynamics, Ettore Majorana Center for Scientific Culture (Erice, Sicily, 1984).
48. Colloquium on "Phase Transitions in Nuclear Systems" to Department of Physics and Astronomy, University of Madison-Wisconsin (1984).
49. Summary Address, International Conference on Nuclear Physics, On the Occasion of the Golden Jubilee of the Indian National Science Academy (Bombay, India, 1984).
50. Lecture to Omnicron Nu, "The Pursuit of Excellence," (Michigan State University, 1984).
51. College of Natural Science Commencement Address, (Michigan State University, Spring, 1984).
52. Lecture to Staff at National Superconducting Cyclotron Laboratory on "Why Build Cyclotrons," (Michigan State University, 1984).
53. Lecture to Phi Kappa Phi on "Educational Technology," (Michigan State University, 1984).
54. Centennial Review Lecture on "Knowledge for Survival," (Michigan State University, 1984).
55. Lecture to Honors Natural Science Students on "The Science of Nucleus-Nucleus Collisions (Michigan State University, 1984).
56. Lectures on "Critical Phenomena in Nuclear Systems" at International School on Nuclear Physics, Ettore Majorana Center for Scientific Culture (Erice, Sicily, 1985).
57. Opening Address, "When Heavy Ions Collide", 2nd International Conference on Nucleus-Nucleus Collisions (Visby, Sweden, 1985).
58. Colloquium on "When Nuclei Collide" to Department of Physics (University of Pennsylvania 1985).
59. Closing Address, at 2nd International Conference on Nucleus-Nucleus Collisions (Visby, Sweden, 1985).
60. Summary Panelist in Workshop on Intermediate Energy Heavy Ion Physics, Oak Ridge National Laboratory (Tennessee, 1985).
61. Panel Member in Symposium on "Medievalizing of Modern Culture", Department of English (Michigan State University 1985).
62. Opening Address to the 3rd Advanced Materials Workshop on Laser Applications in Advanced Materials and Mechanics (Traverse City, Michigan, September 1985).
63. Colloquium on "Extreme States in Nuclear Systems" to Department of Physics, University of Arizona (Tucson, Arizona, November 1985).
64. Lectures to Evening College, Evenings with the Profs, "When Nuclei Collide," (Michigan State University, 1985).
65. Lecture to Honors Geology Students on Nuclear Science (Michigan State University, 1985).

66. "Towards Equilibrium in Nucleus-Nucleus Collisions", Survey Lecture at Second International Workshop on Local Equilibrium in Strong Interaction Physics (Santa Fe, New Mexico, April 1986).
67. Lecture to faculty and students at University of Wisconsin at OshKosh on "Disturbing the University" (1986).
68. Lecture to Science Faculty and Students at University of Wisconsin at Osh-Kosh on "Science as a Liberating Art" (1986).
69. Colloquium on "Extreme States in Nuclear Systems" to Department of Physics, (State University of New York at Buffalo March 1986).
70. Lecture to College of Education "Change in Academe," (Michigan State University, 1986).
71. Panelist on "Influencing Disability Management: A Michigan Strategy," Disability Management Project Conference (East Lansing, Michigan, 1987).
72. College of Agriculture and Natural Resources Commencement Address, (Michigan State University, 1987).
73. College of James Madison Commencement Address, (Michigan State University, 1987).
74. Lecture to Zwarensteyn Group on "Nuclear Science," (Michigan State University, 1987).
75. Lecture to Retirees Group, "Developments in Education," (Michigan State University, 1987).
76. Lecture to Sigma Xi, "Companions in Zealous Research," (Michigan State University, 1987).
77. The Kedzie Lectures, "Research at the MSU National Superconducting Cyclotron Laboratory," (Michigan State University, 1987).
78. Panelist at Second Workshop on Curricular Review, Committee on Institutional Cooperation, University of Wisconsin, "Research in the Biological Sciences and the Quality of Undergraduate and Graduate Education" (1988).
79. Lecture to East Lansing Chapter of Kiwanis, "Trends in Education" East Lansing, Michigan (1988).
80. Commencement Address, (Lansing Community College 1988).
81. Robert Burns Celebration Address, "Educating for a Lifetime" (Lansing, Michigan, 1988).
82. Panel speaker on "Assessment," Michigan Manpower III Conference (1988).
83. Lecture to Lansing Rotary Club, "Michigan State: The Future Through the Lens of the Past" (1988).
84. Lecture on "The Early Stages of Curricular Change in a Multiversity," at Conference on Rethinking the Curriculum (San Diego, California 1989).
85. Lecture to Kellogg Foundation Staff on "The Future of Land Grant/AAU Universities" (July 1989).
86. Lecture on "Changing Social Role in Higher Education", NASULGC Council on Academic Affairs, Summer Meeting (Chateau Montebello, Montreal, Canada, August 1989).
87. Panelist on Michigan Conference of NAACP: "80 Years Later -- The Struggle Continues: Campus Racism - Unrest or At Rest" (September 1989).
88. Lecture to Rotary Club, Holland, Michigan, "The Once and Future University" (September 1989).
89. Lecture to Rotary Club, East Lansing, "The University in Transition" (October 1989).

90. Lecture to Calhoun County Alumni Association, "The Land Grant University of the Future" (October 1989).
91. Panelist on Conference for Martin Luther King Jr., Cesar Chavez, Rosa Parks Scholars and Fellows, (1989).
92. Panelist on "Guaranteeing Our Future," Black Student Success in the 90's (1990).
93. Respondent in Symposium on Science, Reason and Modern Democracy: Medieval Christianity - Its Inventiveness in Technology and Science by Father S.L. Jaki (1990).
94. Panelist in 1990 Hispanic Education Conference (Lansing, Michigan, 1990).

95. Address to Fall Faculty Meeting, Purdue University, "Higher Education in the 21st Century" (September 1990).
96. Presentation on "Faculty Development," NASULGC Council on Academic Affairs, Summer meeting, (Long Beach, California, August 1990).
97. Moderator of Panel on Newman's Idea of a University as a Guide for Academic Administration: A Colloquy in Honor of John Newman - A Bridge to People of Goodwill (East Lansing, Michigan, September 1990).
98. Speaker on "The Connected University," Michigan Campus Compact and Michigan State University Public and Community Service Conference (December 1990).
99. Seminar to Sigma Xi on Integrative Studies (Michigan State University, 1990).
100. Address to Excellence in Leadership Conference (MSU National Alumni Leaders), "Fine Tuning
101. Address on "Michigan Issues: Rethinking University Degree Requirements," at 6th Annual Conference as Liberal Arts Network for Development (February 1991).
102. Address on "Strategic Planning at Michigan State University," CIC Academic Leadership Program, (Northwestern University, February 1991).
103. Address on "The Faculty Role in the University-based Residential Continuing Education Center," at Kellogg Conference on University Based Residential Continuing Education, the University of Oklahoma (February 1991).
104. Address on "General Education Revitalization," to Faculty Senate at (California State Polytechnic University, Pomona, May 1991).
105. Moderator for Panel on Socialization of Faculty: Faculty Rewards and Faculty Loyalty, NASULGC Council on Academic Affairs -- Chief Academic Officers Summer Meeting (Williamsburg, Virginia, August 3-6, 1991).
106. Keynote Address on "Multidimensional Excellence: the Challenge to University Leadership," Executive Seminar for Leaders of Research Universities, Michigan State University and Committee on Institutional Cooperation, Kellogg Center (Michigan State University, June 1991).
107. Keynote Address on "Teaching at a Major Research University" to Faculty at University of Wisconsin, Madison, Symposium Examining a Continuum of Quality of Education (September 1991).
108. Address on "Financing the Research Enterprise," Annual Meeting of Council for Chemical Research (Midland, Michigan, October 1991).
109. Panel Member on "Scholarship Reconsidered" at the Speech Communication Association Conference (Atlanta, Georgia, October 31-November 3, 1991).
110. Address on "Making Adult Education Part of the Mission" at Professional Development Conference, Kansas City Regional Council for Higher Education (Kansas City, Missouri, November 5, 1991).
111. Panelist on "The Challenges of Living and Learning Within a Diverse Community," ASMSU

Cross Cultural Week (Michigan State University, May 1991).

112. Speaker at Faculty Folk Fall Meeting, "Towards the Millennium," (Michigan State University, November 1991.)
113. Keynote Address on "Outreach in a Modern Land Grant University," at Annual Meeting of Faculty at (University of Georgia, January 1992).
114. Moderator of Panel on Career Planning at Michigan Higher Education Institute Roundtable on Policy Forum on Higher Education for Leaders in Higher Education, Government, K-12 Education and Business. Also summary speaker on the forum, January 1992.
115. Keynote Address, "An Institutional Perspective on Retention," CIC Conference on Retention, (Michigan State University, February 1992).
116. Keynote Address, "Issues in Higher Education," CIC Academic Leadership Seminar, (University of Illinois at Chicago, February 1992).
117. Panelist on "Faculty Evaluation and Incentives," NASULGC Council on Academic Affairs, (Santa Fe, New Mexico, July 1992).
118. "Education and Democracy," Address to delegates at Michigan Freedom Academy (Alpena, Michigan, August 1992).
119. Keynote Address, "The Transformation of the University," at CIC Conference on Women in Science and Engineering (Bloomington, Indiana, October 1992).
120. Address on "Encourage Mission and Diversity: Teaching versus Research" at 4th Annual University-Industry Conference -- The Changing Role of Engineers, (Motorola University, Schaumburg, Illinois, September 1992).
121. Panelist on "Provosts' Perspectives on Funding Departments of Communication," Meeting of the Speech Communication Association (Chicago, Illinois, October 1992).
122. Respondent on Symposium on Science, Reason and Democracy, James Madison College, Michigan State University, Multiculturalism by C. Vann Woodward (September 1992).
123. Address on "A Perspective on Living and Learning in the Orkney Islands" to the Scottish group of Central Michigan University, Kellogg Center, (November 1, 1992).
124. Participation as Guest for Scientist - Poet Discussions in Telecommunications - 810, Policy Analysis, (Michigan State University, 1992).
125. Participation in Animal Science 890 - Graduate Student Survival, (Michigan State University, 1992).
126. Invited Talk on "Academic Values and Faculty Rewards" at American Association for Higher Education Forum on Faculty Roles and Rewards, San Antonio, Texas (January 29-31, 1993.).
127. Panelist on "Effective Communication to Constituents by Colleges and Universities" at American Association for Higher Education Forum on Faculty Roles and Rewards, San

Antonio, Texas
(January 29-31, 1993.)

128. Address on "The Once and Future University" to CIC (Committee on Institutional Cooperation) Academic Leadership Seminar (University of Michigan, February 1993).
129. "The Culture of Scholarship," Keynote Address at the Faculty Conference at University of Guam, (April 16, 1993).
130. "Transforming Scholarship" Address to Administrative Leadership at the University of Michigan (Ann Arbor, May 7, 1993).
131. "Restructuring the University" Address to Academic Leadership Group at Virginia Polytechnic and State University (June 2, 1993).
132. Keynote Address. "The Future of American Higher Education: Implications for Faculty Rewards," at Conference on Institutional Priorities and Faculty Rewards, Minnowbrook Conference Center, Blue Mountain Lake (Syracuse University, N.Y., July 25, 1993).
133. Educating Critical Thinkers for a Democratic Society. Paper presented at "Critical Thinking: The Reform of Education & The New Global Economic Realities", Thirteenth Annual International Conference of the Center for Critical Thinking, Rohnert, CA., Scott, D. K. and Awbrey S. M. (August 1993).
134. The Third Transformation: Universities into the next century. In "Bridging the Atlantic", Proceedings of the Fourth International Conference of the American Association of University Administrators, (pp. 24-32). Dublin, Ireland: AAUA., Scott, D. K. and Awbrey, S. M. (September 1993).
135. Address on "Transforming Scholarship", at Regional Conference on Faculty Roles and Rewards, AAHE Forum and New England Resource Center for Higher Education, New England Center at (University New Hampshire, October 15-16, 1993).
136. Address on "Transforming Scholarship" at the Council on Academic Affairs at the NASULGC Annual Meeting (November 12, 1993).
137. Colloquium on Transforming Universities, Department of Physics and Astronomy, University of Massachusetts, Amherst, Massachusetts, (December, 1993).
138. Speaker on "Towards a Multicultural Community," at Affirmative Action Open House Celebration C
139. Keynote Address. "Towards a New Scholarly Community," at Lilly Endowment Teaching Fellows Program (New Harmony, Indiana, April 9 and 10, 1994).
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- Association of Administrators of Home Economics and Boards on Home Economics at the NASULGC Annual Meeting (Chicago, Illinois, November 5, 1994).
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- Committee of Vice-Chancellors and Principals of the Universities of the United Kingdom Seminar (Miami, Florida, December 8-11, 1994).

142. Plenary Speaker on "Leadership for Change" at AAHE Forum on Faculty Roles and Rewards: From My Work to Our Work--Realizing College and University Purposes (Phoenix, Arizona, January 19-22, 1995).
143. Speaker on "The Connected University: Building Community in a Pluralistic World," with S. Awbrey at American Association of Higher Education Meeting on The Engaged Campus, (Washington, DC, March 19-22, 1995).
144. Transforming Scholarship and the Struggle Toward Wisdom. Paper presentation at Siena Heights College Faculty Conference: A New Vision of the College of the 21st Century, Adrian, MI, Scott D. K. and Awbrey S. M. (May 3, 1995).
145. Panelist on "Why You Can't Ignore Women's Agendas in the Changing University" at the American Council on Education Presidents Conference on the New Agenda for Women in Higher Education (University of California at Los Angeles, June 22-24, 1995).
146. Speaker on "The Future of Higher Education" at the American Council on Education Regional Conference, ACE Fellows Program, Boston, Massachusetts, June 7-9, 1995.
147. Presentation on "The University, Strategic Planning and Society" to the Hokkaido-Massachusetts Society, Sapporo, Japan, July 24, 1995.
148. Panelist on "Changing Institutional Priorities: Making Research Universities More Student Centered," at 1995 National Forum on Education Commission of the States, Denver, Colorado, July 9-12, 1995.
149. The Odland Lecture at the University of Tennessee, "Information, Knowledge and Wisdom in the University of the Future," Knoxville, Tennessee, September 28-29, 1995.
150. Presenter on "Presidential Leadership in International Education," at American Council on Education Network for International Education, Washington, DC, October 15-16, 1995.
151. Address at Purdue University on "Learning to Change," Purdue University, Lafayette, Indiana, October 18-19, 1995.
152. Seminar on "Leadership in Changing Times: the Science of Administration," University of Massachusetts, Amherst, Massachusetts, November 21, 1995.
153. Presenter on "The Connected University" at American Council on Education Regional Seminar

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154. Massachusetts, November 30, 1995.
155. Moderator on American Council on Education Panel, "North American Linkages that Work," San Diego, California, February 19, 1996.
156. Keynote Address "Integrative Education" at SABES System for Adult Basic Education Support Conference on Fostering Connections, Massachusetts, March 8, 1996.
157. Address on "Transnational Education" to East Coast Chapter of the Linacre College Society, University of Oxford, New York, March 23, 1996.
158. Presentation on "Sailing Between Scylla and Charybdis; Extreme Polarization in Academe," at American Council on Education Seminar, Washington, DC, June 2-7, 1996.
159. Address on "Higher Education and Broader Expectations," to American Colleges of Pharmacy

Annual Meeting, Reno, Nevada, July 16, 1996.

160. Address on “Neodisciplinarity Where? The Transcultural Transversity,” with Susan M. Awbrey at the Academy of Management Symposium on Organization, Development and Change, Division
161. Address on “Continuity, Change and Community,” at Harvest Home Celebration, North Ronaldsay, Orkney, Scotland, November 8, 1996.
162. Keynote Address on “Harnessing Change-Infinite Opportunity,” at Massachusetts Chapter of the National Society of Fund Raising Executives, Springfield, Massachusetts, November 14, 1996.
163. Panelist on “In Search of Merit,” for the Board on Access and Opportunity and Community and World Relations, of the Commission on Human Resources and Social Change, at the National Association of State Universities and Land Grant Colleges (NASULGC); Annual Meeting, San Diego, California, November 18-20, 1996.
164. Address on “Faculty Roles and Rewards,” at the Forum of the American Association of Higher Education (AAHE), “San Diego, California, January 16-17, 1997.
165. Seminar on “Faith and Reason” at the Institute for Science and Interdisciplinary Studies (ISIS), Amherst, Massachusetts, January 23, 1997.
166. Lecture on “Leadership in Changing Times,” at School of Education, Social Justice Program 295, University of Massachusetts, Amherst, Massachusetts, March 11, 1997.
167. Plenary Address on “Leadership for Learning: Faculty Roles in Distance Education,” at Chancellor’s Symposium on Policy and Distance Education, University of Maryland, College Park, Maryland, March 12-13, 1997.
168. Seminar Speaker on “Faith and Reason”, at the God & Science Discussion Group, The Ark Church, April 22, 1997.
169. Plenary Address on “Faculty Roles in the Future,” at the Committee on Institutional Cooperation Academic Leadership Program on “The University of the Future: Motivating Change,” at the University of Wisconsin, Madison, April 24-26, 1997.
170. Presentation on “Creating Integrative Universities for the Twenty-First Century” at the 19th EAIR Forum at the University of Warwick, United Kingdom, August 26-30, 1997.
171. Opening Plenary Address “No Science is an Island” at the Orkney Science Festival, Kirkwall, Orkney, September 5, 1997.
172. Inaugural Speaker “Against the Wind”, at the Joseph and Laura Grimond Memorial Lecture, St. Magnus Cathedral, Kirkwall, Orkney, September 7, 1997.
173. Seminar on “Learning to Change,” University of Massachusetts Administrative Conference, President’s Office, Boston, MA, October 22, 1997.
174. Plenary Address on “Organizational Learning: Implications for the Academic Life” at American Association for Higher Education Sixth Annual Faculty Roles and Rewards Conference, Orlando, FL with Susan M. Awbrey, January/February 1998.
175. Moderator on American Council on Education Panel, “How Can We Increase International Collaboration in Higher Education?” Institutional Experiences and the Role of Associations, San Francisco, CA, February 8-10, 1998.

176. Address on "Learning by Heart: The Integrative University," Forum on Transforming Higher Education, University of Wisconsin, Milwaukee, WI, March 20, 1998.
177. "Education for Life," Community Seminar, First Universalist Church, Orange, Massachusetts, April 1, 1998
178. "Learning to Change: The University as a Learning Organization," CIC Academic Leadership Program, Pennsylvania State University, University Park, PA, April 17, 1998.
179. A Conversation on "Faculty Roles in the Transversity of the Transcultural World of the Future," CIC Academic Leadership Program, Pennsylvania State University, University Park, PA, April 17, 1998.
180. Address on "Learning Without Boundaries," to Faculty, Staff and Students at the University of Nuevo Leone, Monterrey, Mexico, June 12, 1998.
181. Invited participant in the Society of Organizational Learning Course by Peter Senge et. al. as part of a University initiative to create a Collaboration of Integrative Universities, Bedford, Massachusetts, September 21-25, 1998.
182. Keynote Speaker on "Leadership and Human Resources" at the Committee on Institutional Cooperation (CIC) Academic Leadership Program, University of Illinois, October 29-31, 1998.
183. Workshop Speaker and Organizer with Richard Ross, Susan Awbrey on "Institutional Change: Implementing Learning Organization Concepts in the Academy," American Association of Higher Education Conference on Faculty Roles and Rewards, The Academic Calling, San Diego, California, January 21-24, 1999.
184. Opening Introduction to the Seventh American Association of Higher Education Conference on Faculty Roles and Rewards on "The Academic Calling: Changing Commitments and Complexities," San Diego, California, January 21-24, 1999.
185. Department of Educational Policy, Research and Administration Colloquium on the "1998 UNESCO World Conference on Higher Education in the 21st Century--Vision and Action," January 25, 1999.
186. Panelist on Forum, "Darwinian Evolution and Intelligent Design" as Part of God and Science Project, University of Massachusetts, Amherst, February 10, 1999.
187. Address on "Women in Leadership," American Council on Education (ACE) Program, University of Massachusetts, Amherst, Massachusetts, April 9, 1999.
188. Keynote Address on "Physics and Religion" at First International Philosophy, Science and Theology Festival, Grafton, New South Wales, Australia, June 23-27, 1999.
189. Panelist on "The Search for Truth--Can the Three Disciplines Enter into a Dialogue?" at First International Philosophy, Science and Theology Festival, Grafton, New South Wales, Australia, June 23-27, 1999.
190. Panelist on "Is There Room for the Soul, Personality Reason, Spirituality and Faith?" at First International Philosophy, Science and Theology Festival, Grafton, New South Wales, Australia, June 23-27, 1999.
191. Panelist on "The Great Debate: Is There an Answer?" at First International Philosophy, Science and Theology Festival, Grafton, New South Wales, Australia, June 23-27, 1999.
192. Address on "Current Trends in Education in the United States" at The Center for the Study of Higher Education, University of Melbourne, Victoria, Australia, July 1, 1999.

193. Address on “International Science” at the Meeting of the Kuwait Foundation for the Advancement of Science, Boston, Massachusetts, August 16, 1999.
194. Plenary Address on “The University in the Integrative Age” at the International Conference (in Collaboration with the Seminar on Science Studies) on Universities in Modern Societies: Traditions, Problems and Challenges, University of Oslo, Norway, September 6-7, 1999.
- I. “Grand Unification: A Physicist’s Perspective on Knowledge,” at the International Conference on Re-organizing Knowledge: Trans-forming Institutions, University of Massachusetts, Amherst, September 17-19, 1999.
196. “Reflections on the Future of Higher Education at the Dawn of the 21st Century by Four University Presidents,” at the 11th Biennial Congress of the Inter-American Organization for Higher Education, Quebec, Canada, October 10-14, 1999.
- I. “Cosmology: A Dialogue with Pir Villayat on Higher Consciousness in Higher Education,” in God and Science Series at University of Massachusetts, Amherst, November 7, 1999.
198. Panelist on “Building Cultures of Cooperation: A Presidential Perspective,” at the Conference on the Future Role of Consortia in Higher Education, Five Colleges, Incorporated, Amherst, Massachusetts, November 12-13, 1999.
- I. Panelist on “Thinking About the Future,” at the Conference on the Future Role of Consortia in Higher Education, Five Colleges, Incorporated, Amherst, Massachusetts, November 12-13, 1999.
- I. Rapporteur on the Conference on the Future Role of Consortia in Higher Education, Five Colleges, Incorporated, Amherst, Massachusetts, November 12-13, 1999.
- I. Address to Amherst Chamber of Commerce, “The University as a Business Partner and Neighbor,” March 8, 2000.
- I. Lecture to Faculty, Students and Staff at Carnegie Mellon University, “Open Your Mind Lecture Series,” Universities in an Integrative Age, March 13, 2000.
- I. Narration of “A Sense of Home” with the Choir and Chamber Orchestra, University of Massachusetts Amherst, April 9, 2000.
- I. Panelist on “Materialism and Secular Spirituality,” at National Conference on Going Public with Spirituality in Work and Higher Education, University of Massachusetts Amherst, June 4-6, 2000.
- I. Respondent on “Changing Priorities--Constant Values,” Plenary Session at the 11th General Conference of the International Association of Universities 2000, and 50th Anniversary, “Universities–Gateway to the Future,” Durban, South Africa, August 22-25, 2000.
- I. Dialogue on “Spirituality in the Academy,” with Dr. Julius Lester, Five College Council on Religious Life, September 28, 2000.
- I. Keynote address on “The Spirit of Higher Education” at Leadership and Human Resources Seminar of the Committee on Institutional Cooperation, Academic Leadership Program, Pennsylvania State University, October 26-28, 2000.
- I. Address on “Learning in an Integrative Age: The University of Communication,” at the VI Olympiad of the Mind, Paris, France, November 16-17, 2000.

I. Keynote speaker at the Conference on International Student Exchange in the 21st Century: Towards a New Cultural Confluence, University of Hokkaido, Japan, February 7-9, 2001.

I. Invited Participant in Leader Forum on “Deepening Spiritual Dimensions of Education,” Fetzer Institute, Kalamazoo, Michigan, February 15-17, 2001.

I. Address on “Creating Complete and Integrative Human Beings,” for Public Issue Forum on Renovating Education, in the 21st Century at Global Dialogue Institute, the Greater Philadelphia Philosophy Consortium, Haverford College, Philadelphia, Pennsylvania, March 24, 2001.

I. Invited Lecturer in Odyssey 2001 at the 2nd International Conference on Philosophy, Science and Theology at Grafton Australia, June 26 - July 1, 2001.