

Curriculum Vitae

Carl A. Fox

Associate Provost and Dean
Graduate School
Western Kentucky University
1906 College Heights Blvd. #11010
Bowling Green, KY 42101-1010
Office: (270) 745-2446
FAX: (270) 745-6950
carl.fox@wku.edu

Education and Training

S.E.P.	Executive Program, Stanford University, Stanford, CA
Ph.D.	Botany, Arizona State University, Tempe, AZ
M.S.	Plant Physiology, University of Minnesota, St. Paul, MN
B.S.	Biology-Secondary Education, University of Wisconsin, River Falls, WI

Research and Professional Experience

2013-present	<i>Associate Provost and Dean</i> Graduate School Western Kentucky University Bowling Green, Kentucky
2013-present	<i>Professor (tenured)</i> Dept. of Biology Western Kentucky University Bowling Green, Kentucky
2013-present	<i>Pilot Grant Reviewer</i> Collaborative Research Center for American Indian Health (CRCAIH) Sanford Research Center for Health Outcomes and Prevention Research Sioux Falls, South Dakota
2012-2013	<i>Consultant—Subject Matter Expert</i> Western Governors University Salt Lake City, UT
2012-2013	<i>Interim Dean</i> College of Education, Health & Human Development Montana State University Bozeman, Montana
2012-2013	<i>Director</i> Center for Native Health Partnerships Montana State University Bozeman, Montana
2006-2013	<i>Dean</i> The Graduate School Montana State University Bozeman, Montana

2006-2013	<i>Professor (Tenured)</i> Dept. of Land Resources & Environmental Sciences Montana State University Bozeman, Montana
2001-2006	<i>Vice Provost and Dean</i> Office of Research and Graduate Studies Northern Arizona University Flagstaff, Arizona
2001-2006	<i>Professor (Tenured)</i> Department of Biological Sciences Northern Arizona University Flagstaff, Arizona
2000-2001	<i>Interim Dean</i> Graduate School University of North Dakota, Grand Forks, North Dakota
1999-2001	<i>Associate Dean</i> Graduate School University of North Dakota, Grand Forks, North Dakota
1996- 2001	<i>Director and Chief Research Officer</i> Office of Research and Program Development University of North Dakota, Grand Forks, North Dakota
1998-2001	<i>Professor-Graduate Faculty (Tenured)</i> Department of Teaching and Learning University of North Dakota, Grand Forks, North Dakota
1987-1996	<i>Executive Director</i> Desert Research Institute, Biological Sciences Center University and Community College System of Nevada, Reno, Nevada
1994-1995	<i>Acting Associate Vice President for Research</i> Desert Research Institute University and Community College System of Nevada, Reno, Nevada
1992-1996	<i>Director</i> Great Basin Environmental Research Laboratory, Desert Research Institute University and Community College System of Nevada, Reno, Nevada
1992-1996	<i>Program Advisor</i> University Center for Environmental Science and Engineering University of Nevada, Reno, Nevada
1991-1996	<i>Professor-Graduate Faculty</i> Department of Environmental and Resource Sciences University of Nevada, Reno, Nevada
1991-1996	<i>Program Advisor</i> Biological Sciences Advisory Council University of Nevada, Reno, Nevada

1984-1987	<i>Senior Research Scientist</i> Southern California Edison Company, System Planning and Research Rosemead, California
1986-1987	<i>Research Associate</i> Agriculture Experiment Station, University of California Riverside, California
1981-1982	<i>Lecturer</i> University of California, Los Angeles, School of Public Health Los Angeles, California
1981-1982	<i>Consultant</i> Environmental Sciences Division, Lawrence Livermore Laboratory Livermore, California
1979-1984	<i>Research Scientist</i> Southern California Edison Company, Research and Development Department Rosemead, California
1978-1979	<i>NSF Research Assistant</i> University of Arizona, Laboratory of Tree-Ring Research, Tucson, Arizona
1976-1979	<i>NSF Research Fellow</i> Arizona State University, Department of Botany and Microbiology Tempe, Arizona
1975-1976	<i>Biology Teacher</i> LeCenter High School, LeCenter, Minnesota
1973-1975	<i>Research Associate</i> University of Minnesota, Department of Agronomy and Plant Genetics St. Paul, Minnesota
1972-1973	<i>Research Assistant</i> University of Wisconsin, Department of Biology, River Falls, Wisconsin

Board of Directors, Committee, Advisory, and Representative Positions

2014-present	<i>Advisory Board Member</i> University Research Foundation Western Kentucky University Bowling Green, KY
2014-present	<i>Advisory Board Member</i> Women In Science & Engineering College of Science & Engineering Western Kentucky University Bowling Green, KY
2013-present	<i>Advisory Board Member</i> Raymond B. Preston Health Center Bowling Green, KY

2013-present	<i>University Representative</i> Conference of Southern Graduate Schools State University, AR
2009-present	<i>President Elect, President, Past President</i> Western Association of Graduate Schools Las Vegas, NM
2008-present	<i>Advisory Board Member</i> Building Research Infrastructure for the Crow Community Little Big Horn College Crow Agency, MT
2006-present	Graduate Deans Council Great Plains IDEA Manhattan, KS
2004-present	<i>Vice Chair</i> Pathways Into Health-American Indian/Alaska Native Consortium Chicago, IL
2002-present	<i>Member</i> Council on Research Policy and Graduate Education Association of Public and Land Grant Universities Washington, DC
2002-present	<i>Board of Directors</i> Ecological Monitoring and Assessment Foundation Flagstaff, Arizona
2000-present	<i>University Representative</i> Council of Graduate Schools Washington, DC
2012-2013	Human Sciences Board of Directors Great Plains IDEA Manhattan, KS
2011-2013	<i>Board Member</i> Board of Directors Council of Graduate Schools Washington, DC
2009-2013	<i>Advisory Board</i> Developing Excellence in Academic Leadership Montana State University Bozeman, MT
2008-2013	<i>Board of Directors</i> Western Association of Graduate Schools Las Vegas, NM
2007-2013	<i>Advisory Board Member</i> Center for Native Health Partnerships Montana State University Bozeman, MT

2007-2013	<i>Member</i> Promotion and Tenure Committee Dept. of Land Resources and Environmental Sciences Montana State University Bozeman, MT
2006-2013	<i>Member</i> Montana EPSCoR Advisory Committee Montana State University Bozeman, MT
2000-2013	<i>University Representative</i> Western Association of Graduate Schools Las Vegas, NM
2009-2011	<i>Board Member</i> Western Interstate Commission for Higher Education (WICHE) Internet Course Exchange Steering Board Boulder, CO
2009-2011	<i>University Representative</i> Western Academic Leadership Forum Western Interstate Commission on Higher Education Boulder, CO
2008-2009	<i>Chair</i> Pathways Into Health National Meeting Committee Big Sky, MT
2006-2011	<i>University Representative</i> Council of Graduate Deans Inland Northwest Research Alliance Idaho Falls, ID
2006-2011	<i>Member</i> Montana EPSCoR Advisory Committee Montana State University Bozeman, MT
2003-2006	<i>Member and University Representative</i> Governor's Council on Innovation and Technology State of Arizona Phoenix, Arizona
2003-2006	<i>Chair and Member</i> Arizona Technology Council Advisory and Innovation Awards Selection Committees Tempe, Arizona
2002-2006	<i>Member and University Representative</i> Arizona Bioscience Road Map Steering Committee Flinn Foundation and Arizona Dept. of Commerce Phoenix, Arizona

2001-2006	<i>Board of Directors</i> Greater Flagstaff Economic Council Flagstaff, Arizona
2001-2006	<i>Board of Directors</i> Northern Arizona Technology and Business Incubator Flagstaff, Arizona
2001-2006	<i>Board of Directors</i> Arizona Public Schools Computer Consortium Flagstaff, Arizona
2000-2001	<i>Statewide Committee Chair</i> North Dakota EPSCoR Program/North Dakota Board of Regents Bismarck, North Dakota
1999-2001	<i>North Dakota Representative</i> American Association for the Advancement of Science Societal Impacts of Science and Engineering Washington, DC
1999-2001	<i>University Representative</i> National Institute for the Environment Washington, DC
1997-2001	<i>University Representative</i> Oak Ridge Associated Universities Oak Ridge, TN
1997-2001	<i>University Representative</i> U.S. Department of Agriculture Customer Focus Group Human Nutrition Research Center, Grand Forks, ND
1995-1996	<i>Resource Advisor</i> Bureau of Land Management, Resource Advisory Council U.S. Department of the Interior, Washington, DC
1990-1996	<i>Board of Directors</i> International Visitors Council of Nevada, Reno, Nevada
1989-1996	<i>Board of Directors</i> World Rainforest Foundation, Reno Nevada
1983-1987	<i>Research Advisor</i> Electric Power Research Institute, Palo Alto, California
1983-1987	<i>Liaison</i> National Acid Precipitation Assessment Program Acid Deposition Committee of the Utility Air Regulatory Group Washington, DC
1982-1987	<i>Technical Advisor</i> Program of Excellence in Energy Research, University of California Riverside, California

Memberships

Air & Waste Management Association
American Association for the Advancement of Science
American Society of Agronomy
Association of University Technology Managers
Council of Graduate Schools
Ecological Society of America
Inter-Mountain University Research Administrators
Association of Public and Land Grant Universities
National Council of University Research Administrators
North Dakota Academy of Science
Oak Ridge Associated Universities
Society of Research Administrators
Western Association of Graduate School

Awards and Honors

2012 Peer Review Panel, Graduate Research Fellowship Program, NSF
2011 Peer Review Panel, Graduate Research Fellowship Program, NSF
2010 Peer Review Panel, Graduate Research Fellowship Program, NSF
2010 Review Panel, University Research Enhancement Grants, Texas A&M University
2009 Peer Review Panel, Fellowships: Clean Air, U.S. EPA
2008 Peer Review Panel, Fellowships: Terrestrial Ecosystems, U.S. EPA
2007 Peer Review Panel, Uncertainty Analysis of Models, U.S. EPA
2007 Review Panel, University Research Enhancement Grants, Texas A&M University
2006 Peer Review Panel, Nonlinear Responses to Global Change, U.S. EPA
2006 Peer Review Panel, Fellowships: Terrestrial Ecosystems, U.S. EPA
2004 Peer Review Panel, Legislative Commission on Minnesota Resources
2004 Peer Review Panel, Ecological Risk Assessment, U.S. EPA
2002 Peer Review Panel, Regional Stressor Response Models, U.S. EPA
2002 Peer Review Panel, Terrestrial Ecology and Ecosystems, U.S. EPA
2000 Peer Review Panel, EMPACT Internal Grants Program, U.S. EPA
2000 Peer Review Panel, EMPACT Metro Grants Program, U.S. EPA
2000 Peer Review Panel, EMPACT Terrestrial Ecology, U.S. EPA
2000 Who's Who in Science and Engineering, Millennium Edition
2000 54th Edition of Who's Who in America
1999 AAAS Societal Impacts of Science and Engineering Committee
1999 Peer Review Panel, EMPACT Program, U.S. EPA
1999 Peer Review Panel, Ecological Indicators, U.S. EPA
1999 Peer Review Panel, Regional Scale Analysis & Assessment, U.S. EPA
1999 Peer Review Panel, Terrestrial Ecology, U.S. EPA
1998 Peer Review Panel, Legislative Commission on Minnesota Resources
1998 Elected to Graduate Faculty, University of North Dakota
1998 Peer Review Panels (3), U.S. Environmental Protection Agency
1998 52nd Edition of Who's Who in America
1998 Who's Who in Science and Engineering
1997 Peer Review Panel, U.S. Environmental Protection Agency
1997 Honored Member, Strathmore's Who's Who
1996 Man of the Year, American Biographical Institute, Inc.
1996 6th Edition Five Hundred Leaders of Influence
1996 3rd Edition of Who's Who in Science and Engineering
1995 49th Edition of Who's Who in America

1994 5th Edition, International Directory of Distinguished Leadership
 1994 American Men and Women of Science
 1993 2nd Edition of Who's Who in Science and Engineering
 1992 Peer Review Panel, S.W. Center for Environmental Research Policy
 1992 Platinum Edition, Who's Who Worldwide
 1992 4th Edition of Who's Who Environmental Registry
 1991 Board of Directors, International Visitor's Council of Nevada
 1991 18th Edition of American Men and Women of Science
 1991 1st Edition of Who's Who in Science and Engineering
 1991 23rd Edition of Who's Who in the West
 1990 Who's Who of Emerging Leaders in America
 1990 46th Edition of Who's Who in America
 1990 Peer Review Panel, U.S.D.A. Forest Service
 1989 Board of Directors, World Rainforest Foundation
 1989 Peer Review Panel, National Park Service
 1989 22nd Edition of Who's Who in the West
 1987 First Use Award, Electric Power Research Institute
 1986 Peer Review Panel, Environmental Protection Agency
 1985 Who's Who in Frontiers of Science and Technology
 1976-79 National Science Foundation Fellowship
 1973-75 Minnesota Resource Commission Research Assistantship
 1972 Who's Who Among University and College Students
 1970 Beta Beta Beta-National Biological Honor Society
 1969 University of Wisconsin Foundation Scholarship

Graduate Students

2013 Lisa Kirk, Ph.D., Montana State University
 2000 Amy Mossett, Ph.D., University of North Dakota
 2000 Andrew Freeman, Ph.D., University of North Dakota
 2000 Henry Roehrich, Ph.D., University of North Dakota
 1999 Mary Beth Kelley-Lowe, Ph.D., University of North Dakota
 1997 Erica Fleishman, Ph.D., University of Nevada, Reno
 1997 Mark Richman, M.S., University of Nevada, Reno
 1993 Xiaogu Da, M.S., University of Nevada, Reno

Research Grants/Contracts

2014-18 National Science Foundation, *NRT-DESE: Stimulating Diverse Data Views MS Program*, \$1,456,128 (pending)
 2014-17 National Science Foundation, *Pacific Northwest Collaborative Opportunities for Success in Mentoring of Students*, \$1,749,701 (pending).
 2011-15 Sloan Foundation, *Sloan Indigenous Graduate Partnership*, Co-PI with University of Montana, \$1,117,000.
 2011-12 National Science Foundation, *Pacific N.W. Alliance for Graduate Education and the Professoriate*, \$149,000.
 2010-15 Centers for Disease Control, *Mountain West Preparedness and Emergency Response Learning Center*, Subcontract with the University of Arizona, \$100,000.

2007-08 U.S. Department of Health and Human Services, *Strategic Initiative for a Community Health/Public Health Curriculum*, \$10,250.

2007-08 U.S. Department of Health and Human Services, *Pathways Into Health – Uniting the Vision*, \$5,000.

2006-13 Washington Foundation, *Native American Graduate Student Fellowship*, \$10,000 per year, renewable.

2006-07 Arizona Area Health Education Center, *Native American Health Professions Pipeline Program Inventory*, \$27,000.

2003-08 U.S. Department of Commerce, *University-based Applied Research & Development Building Containing a Technology Incubator*, \$2,576,384.

2003-04 U.S. Department of Education, *Gaining Early Awareness and Readiness for Undergraduate Programs*, State Grant, \$2,167,822.

2003-04 U.S. Department of Education, *Gaining Early Awareness and Readiness for Undergraduate Programs*, Partnership Grant, \$2,075,452.

2002-06 Otten's Foundation, *Hooper Undergraduate Research Awards Program for Native Americans*, \$160,000.

2001-06 State of Arizona, *Technology and Research Initiative Fund*, \$46,150,000.

2000-04 U.S. Department of Interior and U.S. Department of Agriculture, *Cooperative Ecosystems Studies Unit*, \$40,000.

2000-01 University of North Dakota Alumni Foundation, *Faculty Research Mentorship and Intellectual Property Development*, \$43,000.

1999-01 Environmental Protection Agency, *Advancing Environmental Sciences in North Dakota*, \$950,561.

1999-00 National Science Foundation, *Research Experiences for Undergraduates: DakotaLink*, \$48,462.

1999-00 National Science Foundation, *High Performance Network Connection in Support of Meritorious Research: DakotaLink Supplemental Award*, \$222,956.

1999-00 University of North Dakota Alumni Foundation, *Faculty Research Mentorship and Intellectual Property Development*, \$37,000.

1998-01 National Science Foundation, *DREAMS: Disability Research Encompassing American Indians in Math and Science*, \$900,000.

1998-00 National Science Foundation, *High Performance Network Connection in Support of Meritorious Research: Dakotalink*, \$1,761,456.

1995-96 U.S. Department of Agriculture, *Great Basin Environmental Research Laboratory, ECOCELLS*, \$242,500.

1995-96 State of Nevada, *Experimental Program to Stimulate Competitive Research*, \$273,116.

- 1995 Morris, Brignone, and Pickering, *Review: Lake Tahoe Shorezone Development Cumulative Impact Analysis*, \$10,000.
- 1994-95 Environmental Protection Agency, *Modeling Forest Tree and Strand Responses to Ozone in North America*, \$63,133.
- 1994-95 State of Nevada, *Experimental Program to Stimulate Competitive Research*, \$273,116.
- 1993 Robert Z. Hawkins Foundation, *Great Basin Environmental Research Laboratory*, \$13,517.
- 1992-95 Environmental Protection Agency, *Environmental Monitoring and Assessment Program for Arid Ecosystems-Phase II*, \$4,456,347.
- 1992-94 Environmental Protection Agency, *Ecosystems Level Measures of Response to Stress: A Regional Health Assessment*, \$500,000.
- 1992-93 Environmental Protection Agency, *North American Landscape Characterization*, \$90,000.
- 1992-93 Environmental Protection Agency, *Remote Sensing Support for Landscape Characterization*, \$60,000.
- 1992-93 State of Nevada, *Experimental Program to Stimulate Competitive Research*, \$273,116.
- 1991-92 National Science Foundation,-REU. *Dendroclimatology of the Western Great Basin*, \$4,106.
- 1991-92 Environmental Protection Agency, *The Integration of Models of Whole-Plant Carbon Dynamics and Leaf-Level Biochemistry to Stimulate Carbon Gain, Photosynthate Allocation, and Growth of Woody Plant in Response to Ozone*, \$43,429.
- 1989-92 Environmental Protection Agency, *Environmental Monitoring and Assessment Program for Arid Ecosystems*, \$730,193.
- 1988-89 Department of Energy, *Special Nevada Report*, \$55,648.
- 1987-88 Southern California Edison Company. *Monitoring and Baseline Analysis of Riparian Vegetation and Wildlife Along Bishop Creek, Eastern Sierra Nevada, California*, \$71,400.
- 1989-91 National Science Foundation, *Experimental Program to Stimulate Competitive Research in Nevada, EPSCoR*, \$1,283,609.
- 1983-85 Environmental Protection Agency, *Quantitation of Sulfur Dioxide Effects in Ponderosa Pine and Western Larch*, \$54,710.
- 1982-83 Department of Energy, *Quantitation of Ecological Responses to Perturbations: The Effect of Air Pollution on Western Larch and Ponderosa Pine*, \$49,757.
- 1978-79 Environmental Protection Agency, *The Impact of Air Pollution on the Forest Ecosystem from the Lead-Zinc Smelter at Trail, British Columbia*, \$2,000.

1978-79 Cominco, Ltd. *Environmental Impact of Smelter Emissions on the Forest Tree Growth*, \$2,000.

Research Publications

- Fox, C.A. (2009) Strategic Initiative for a Community Health/Public Health Curriculum. Report to the U.S. Department of Health and Human Services. Chicago, IL
- Fox, C.A. (Ed.) (2007) Proceedings of Pathways Into Health Professional Development Conference. September 6-8, 2006. Denver, CO. 64 pp.
- Galloway, J.M., C.A. Fox, J. Benham, and C. Wolfname. (2006). Health Professions Education for American Indians and Alaska Natives Utilizing Distance Learning, On-site Education, and Cultural Integration. *I.H.S. Primary Health Care Provider* 31 (6): 11-15.
- Neas, B.M., C.A. Fox, K. McCarville, D. Johnson, and R. Engstrom (1999) DakotaLink: Report to the National Science Foundation. Grant No. ANI-9810225.
- Mouat, D.A., J.M. Lancaster, T.G. Wade, C.A. Fox, W.G. Kepner, and J.T. Ball (1997) Desertification evaluated using an integrated environmental assessment model. *Environmental Monitoring and Assessment* 48:139-156.
- Lancaster, J. and C.A. Fox (1996) Spectral indicator development for EMAP Rangelands Resource Group: Results of 1992-93 Activity. Report to U.S. EPA, Las Vegas, Nevada.
- Fox, C.A., B.W. Schultz, G.L. Vinyard, D.W. Johnson, D.E. Rhodes, and J.L. Bowden (1995) Review: Lake Tahoe Shorezone Development Cumulative Impact Analysis. Prepared for Morris, Brignone, and Pickering.
- Fox, C.A. (Ed.) (1993) Desert Profiles, in: *The Living Earth Book of Deserts*. Susan Arritt. Reader's Digest Association, Inc., New York.
- Franson, S.E., W.G. Kepner, and C.A. Fox (1993) Environmental Monitoring and Assessment Program: EMAP-Arid Colorado Plateau Pilot Study-1992: Implementation Plan, EPA/620/SR-93-001.
- Mouat, D.A., C.A. Fox, and M.R. Rose (1992) Ecological indicators strategy for monitoring arid ecosystems. IN: *Ecological Indicators, Volume 1*. D.H. McKenzie, D.E. Hyatt, V.J. McDonald, (eds.), Elsevier Applied Science. New York, NY.
- Kepner, W.G. and C.A. Fox (1991). Environmental Monitoring and Assessment Program: Arid Ecosystems Strategic Monitoring Plan. EPA 600/4-91/018. U.S. EPA. Washington, DC.
- Smith, S.D., A.B. Wellington, J.L. Nachlinger, and C.A. Fox (1991) Functional responses of riparian vegetation to streamflow diversion in the Eastern Sierra Nevada. *Ecological Applications* 1 (1):89-97.
- Fox, C.A., C.D. Elvidge, and D.W. Johnson (1990) Indicator Strategy for Arid Lands, Section 7, in: C.T. Hunsaker and D.E. Carpenter (eds.) *Ecological Indicators for the Environmental Monitoring and Assessment Program*, EPA 600/3-90/060, U.S. Environmental Protection Agency, Office of Research and Development, Research Triangle Park, NC.
- Wharton, R.A., Jr., P.E. Wigand, M.R. Rose, R.L. Reingardt, D.A. Mouat, H.E. Kleiforth, N.L. Ingraham, J.O. Davis, C.A. Fox, and J.T. Ball (1990) The North American Great Basin: A Sensitive Indicator of Climatic Change, Chapter 9, in: C.B. Osmond (ed.) *Plant Biology of the Basin and Range*. *Ecol. Studies Series*, Vol. 80, Springer-Verlag.

- Ball, J.T., C.A. Fox, C.D. Elvidge, and M.R. Rose (1990) Arid Ecosystems Annual Statistical Summary Report. U.S. Environmental Protection Agency, Office of Research and Development, Washington, DC.
- Boonpragob, K., T.H. Nash III, and C.A. Fox (1989) Seasonal deposition patterns of acidic ions and ammonium to the lichen *Ramalina menziesii* Tayl. In Southern California. Environmental Experimental Botany 29(2): 187-197.
- Bytnerowicz, A., D.M. Olszyk, C.A. Fox, P.J. Dawson, G. Kats, C.L. Morrison, and J. Wolf (1988) Responses of desert annual plants to ozone and water stress in an *in situ* experiment. JAPCA 38: 1145-1151.
- Harris, R.R., C.A. Fox, and R.J. Risser (1987) Impacts of hydroelectric development on riparian vegetation in the Sierra Nevada region, California, USA. Environmental Management 11:519-527.
- Olszyk, D.M., A. Bytnerowicz, and C.A. Fox (1987) Sulfur dioxide effects on plants exhibiting Crassulacean acid metabolism. Journal of Environmental Pollution 43 (1): 47-62.
- Bytnerowicz, A., P.R. Miller, D.M. Olszyk, P.J. Dawson, and C.A. Fox (1986) Gaseous and particulate air pollution in the San Dimas Experimental Forest in the San Gabriel Mountains of Southern California. Atmospheric Environment 21: 1805-1814.
- Boonpragob, K., T.H. Nash, and C.A. Fox (1986) Seasonal effects of wet and dry deposition on gas exchange and chlorophyll degradation of the lichen, *Ramalina menziesii* (tayl.). XIVth International Botanical Congress, Berlin, W. Germany, 84p.
- Fox, C.A., W.B. Kincaid, T.H. Nash III, D.L. Young, and H.C. Fritts (1985) Tree-ring variation in western larch (*Larix occidentalis*) exposed to sulfur dioxide emissions. Canadian Journal of Forest Research, 16: 283-292.
- Thompson, C.R., D.M. Olszyk, G. Kats, A. Bytnerowicz, P.J. Dawson, J.W. Wolf, and C.A. Fox (1984) *Air Pollutant Injury on Plants of the Mojave Desert*. University of California Press.
- Fox, C.A. (1983) Acid rain: does it pose problems for high Sierra lakes? Southern California Edison, Research and Development Newsletter, 12(4):1-3.
- Jury, W.A., L.H. Stolzy, C.A. Fox, H.J. Vaux, and I.R. Straughan (1983) Disposal of power plant cooling water by crop irrigation. California Agriculture, 37:4-5.
- Fox, C.A., G.R. Bradford, A.L. Page, and A.A. Elsewi (1982) Evaluation of acidity and chemical composition of high elevation lakes in California. R & D Report 82-RD-161, Southern California Edison, Rosemead, California.
- Fox, C.A., A.L. Page, A.A. Elsewi, and L.J. Lund (1982) Input of acidity to agricultural soils from rainfall and natural processes. In: D.D. Hemphill, ed. *Trace Substances in Environmental Health*. Pp 97-104.
- Nash, T.H., III, T.J. Moser, C.C. Bertke, S.O. Link, L.L. White, and C.A. Fox (1982) Photosynthetic patterns of Sonoran Desert lichens. I. Environmental considerations and field measurements. Flora, 172: 335-345.
- Elsewi, A.A., A.L. Page, C.P. Doyle, and C.A. Fox (1982) Trace elements in flue gas desulfurization residues: a case study. R & D Report 82-RD-72, Southern California Edison, Rosemead, California.

- Fox, C.A. (1981) The effect of SO₂ and/or NO₂ on Mojave Desert vegetation. Research and Development Newsletter 10(2):5.
- Fox, C.A. (1981) Fly ash: its properties and potential. Southern California Edison, Research and Development Newsletter 10(3):5-8.
- Fox, C.A. (1980) The Effect of Air Pollution on Western Larch as Detected by Tree-Ring Analysis. Ph.D. Dissertation, Arizona State University.
- Crookston, R.K., C.A. Fox, D.S. Hill, and D.N. Moss (1978) Agronomic cropping for maximum biomass production. Agronomy Journal 70:899-902.
- Fox, C.A. (1975) Capture of Radiant Energy by Plants. M.S. Thesis, University of Minnesota.

Research Papers

Invited papers/seminars/colloquia

- Fox, C.A. (2005). Pathways into Health: Health Professions Education for American Indians and Alaska Natives. S.W. Regional Meeting of the Indian Health Service. Flagstaff, Arizona.
- Fox, C.A. (2004). Pathways Into Health: Health Professions Education for American Indians and Alaska Natives. Hopi Tribal Council. Kykotsmovi, Arizona.
- Fox, C.A. (2004). Responsible Conduct of Research. Northern Arizona University. Faculty Development Program.
- Fox, C.A. (2004). Developing a Research Agenda. Northern Arizona University. Office of Grant & Contract Services.
- Fox, C.A. (2004). Pathways Into Health: Health Professions Education for American Indians and Alaska Natives. Regional Meeting of the American Indian Higher Education Consortium. Albuquerque, NM.
- Fox, C.A. (2003). Technology and Research Initiative Fund. Arizona Board of Regents. Tucson, Arizona.
- Fox, C.A. (2003). Research and Graduate Education at NAU. Arizona Legislative Visit. Flagstaff, Arizona
- Fox, C.A. (2002). Initiatives in Bioscience. Arizona Board of Regents Study Session. Tempe, Arizona.
- Fox, C.A. (1998) Agriculture. Proceedings of Northern Great Plains Regional Workshop on Climate Variability and Climate Change. U.S. Global Change Research Program. pp 102-105.
- Fox, C.A. and C.A. Seielstad. (1998) Impact of climate change and climate variability on the Northern Great Plains. Proceedings of Northern Great Plains Regional Workshop on Climate Variability and Climate Change. U.S. Global Change Research Program. pp 12-21.
- Fox, C.A. (1997) Writing winning proposals: process and persistence. Writing Across the Curriculum Newsletter 7(5):1-2. University of North Dakota. Grand Forks, ND.
- Fox, C.A. (1990) Forest response to atmospheric deposition: a critical review and evaluation of the sos/ts. Proc. International Conference-Acidic Deposition: State of Science and Technology. National Acid Precipitation Assessment Program. Hilton Head, SC.

Fox, C.A. (1987) Response of California crops to acidic deposition. California Plant and Soil Conference, Ontario, California.

Straughan, I.R., E.C. Ellis, A.A. Elsewi, and C.A. Fox (1986) Acid Deposition in the Western United States: Patterns of Sources and Receptors. Third International Conference on Clean Coal: Technologies and Acid Rain, Washington, District of Columbia.

Fox, C.A. (1985) Effects of acidic deposition on vegetation in Southern California. Eleventh Annual Symposium of the Southern California Botanists, Brea, California.

Fox, C.A. (1984) Acid deposition research in the West. Working Together to Control Acid Deposition and Toxic Airborne Contaminants. Third International Conference on Atmospheric Deposition, Chicago, Illinois.

Elsewi, A.A., C.A. Fox, A.L. Page, and C.P. Doyle (1982) Utilization of fly ash in agriculture. Proc. EPRI Workshop on Research and Development Needs for Use of Fly Ash in Cement and Concrete, Palo Alto, California. EPRI Report CS-2616-SR.

Contributed papers

Fox, C.A. (2009). Annual Report of the Division of Graduate Education. Montana State University. Bozeman, MT.

Fox, C.A. (2008). Annual Report of the Division of Graduate Education. Montana State University. Bozeman, MT

Fox, C.A. (2007). Annual Report of the Division of Graduate Education. Montana State University. Bozeman, MT.

Fox, C.A. (2004). Annual Report of the Office of the Vice Provost for Research and Graduate Education. Northern Arizona University. Flagstaff, Arizona.

Fox, C.A. (2002). Assessment of the effects of ozone on forest resources in the Southern Appalachian Mountains: Review of Uncertainty. Report to Hunton and Williams, Washington, DC.

Fox, C.A. (2001). Assessment of the effects of ozone on forest resources in the Southern Appalachian Mountains: Review and comment. Report to Hunton and Williams, Washington, DC.

Fox, C.A. (2001). Annual Report of the Graduate School. University of North Dakota. Grand Forks, ND.

Fox, C.A. (2000). Annual Report of the Office of Research and Program Development. University of North Dakota. Grand Forks, ND.

Fox, C.A. (1999). Annual Report of the Office of Research and Program Development. University of North Dakota. Grand Forks, ND.

Fox, C.A. (1998). Annual Report of the Office of Research and Program Development. University of North Dakota. Grand Forks, ND.

Fox, C.A. (1997). Assessment of the potential for developing ozone exposure-response functions in the Southern Appalachian Mountain region. Report to Southern Company Services, Inc. Birmingham, AL.

Fox, C.A. (1997). Annual Report of the Office of Research and Program Development. University of North Dakota. Grand Forks, ND.

- Fox, C.A. (1996). Annual Report of the Office of Research and Program Development. University of North Dakota. Grand Forks, ND.
- Fox, C.A. (1992) The response of forests to ozone exposure. Report to the Utility Air Regulatory Group. Washington, D.C. 8p.
- Fox, C.A. (1992) Ozone dose-response relationships for crops. Report to the Utility Air Regulatory Group. Washington, D.C. 9p.
- Fox, C.A. (1992) Nevada EPSCoR Component-Biological Sciences Center, Desert Research Institute, Final Report to the National Science Foundation. Washington, D.C. 29p.
- Fox, C.A. (1989) Technical review of a screening procedure to evaluate air pollution effects on class I wilderness areas. Report to the Utility Air Regulatory Group. Washington, D.C. 17p.
- Elvidge, C.D., C.A. Fox, and J.E. Vogelmann (1989) Comparisons of aircraft and satellite sensors for monitoring air pollution effects on forests. Trans. Effects of Air Pollution on Western Forests. R.K. Olson and A.S. Lefohn eds. Air and Waste Management Association. pp. 337-349.
- Smith, S.D., J.L. Nachlinger, A.B. Wellington, and C.A. Fox (1989) Water relations of obligate riparian plants as a function of streamflow diversion on the Bishop Creek Watershed. Proc. California Riparian Systems Conference. USDA-Forest Service Gen. Tech. Rep. PSW-110. pp 360-365
- Nachlinger, J.L., C.A. Fox, and P.A. Moen (1989) Riparian vegetation baseline analysis and monitoring along Bishop Creek, California. Proc. California Riparian Systems Conference. U.S.D.A. Forest Service Gen. Tech Rep. PSW-110. pp 387-392.
- Smith, S.D., J. L. Nachlinger, C.A. Fox, and P.A. Moen (1988) Effects of Streamflow diversion on the water relations of riparian plants in the Eastern Sierra Nevada, California. Proc. Annual Meeting of the Ecological Society of America, Davis, CA.
- Chen, C.W., L.E. Gomez, C.A. Fox, R.A. Goldstein, and A.A. Lucier (1987) A tree growth model with multiple stresses. IUFRO Forest Growth Modeling and Prediction Conference, Minneapolis, MN.
- Nodvin, S.C., L.J. Lund, and C.A. Fox (1986) Winter alkalinity generation in a high elevation Sierra Nevada Lake. Proc. 50th Annual Meeting American Society of Limnology and Oceanography, Inc., Kingston, Rhode Island.
- Fox, C.A., W.B.Kincaid, and T.H. Nash III (1985) The impact of sulfur dioxide on the forest ecosystem at Trail, British Columbia. Symposium: Effects of Air Pollutants on Forest Ecosystems, University of Minnesota, St. Paul.
- Lund, L.J., S.C. Nodvin, S.L. Page, and C.A. Fox (1985) The chemistry of surface waters in the Sierra Nevada watershed. Proc. International Symposium on Acid Precipitation, Muskoka '85 Conference, Federal and Provincial Governments of Canada.
- Nodvin, S.C., L.J. Lund, W.T. Frankenberger, and C.A. Fox (1984) Chemical characterization of Eastern Brook Lake: A high elevation lake in the Sierra Nevada. Proc. 47th Annual Meeting American Society of Limnology and Oceanography, Inc., Vancouver, British Columbia, Canada.
- El-Amamy, M.M., C.A. Fox, G.R. Bradford, A.L. Page, and S.C. Nodvin (1984) The alkalinity of pristine lakes in the high Sierra mountains. Proc. 77th Annual Meeting of the Air Pollution Control Association, San Francisco, California.

- Bradford, G.R., A.L. Page, Nodvin, S.C., and C.A. Fox (1984) Chemical composition of lakes in the Sierra Nevada of California. Proc. Second Biennial Conference of Research in California's National Parks, Davis, California.
- El-Amamy, M.M., G.R. Bradford, S.C. Nodvin, and C.A. Fox (1984) The alkalinity of high Sierra lakes. Proc. Second Biannual Conference of Research in California's National Parks, Davis, California.
- Elsewi, A.A., A.L. Page, C.P. Doyle, and C.A. Fox (1983) Trace elements in residues from coal combustion in the Western USA. International Conference on Heavy Metals in the Environment, World Health Organization, Heidelberg, W. Germany.
- Elsewi, A.A., A.L. Page, C.P. Doyle, and C.A. Fox (1983) Boron in residues from coal combustion in the Western USA and its effect on soil, plant, and water quality. Proc. Conference on Municipal Hazardous, and Coal Waste Management, University of Miami, Coral Gables, Florida.
- Fox, C.A., G.R. Bradford, A.L. Page, and A.A. Elsewi (1982) Evaluation of acidity and chemical composition of high elevation lakes in California. Proc. Soil Conservation Society of America Symposium. Acid Rain: A North American Challenge, Burlington, Vermont.
- Fox, C.A., A.L. Page, A.A. Elsewi, and G.R. Bradford (1982) Atmospheric deposition of trace elements from coal resource development. Proc. Trace Element Mobilization in Western Energy Regions Symposium, Denver, Colorado.
- Stolzy, L.H., W.A. Jury, C.A. Fox, and I.R. Straughan (1982) Disposal of saline blowdown water by crop irrigation. Proc. Eighteenth Annual American Water Resource Conference, San Francisco, California.
- Bradford, G.R., A.L. Page, J.E. Warneke, and C.A. Fox (1982) A study of potential lake acidification in the high Sierras of California. First Biannual Conference of Research in California's National Parks, Davis, California.
- Fox, C.A. (1980) The effect of air pollution on western larch as detected by tree-ring analysis. Proc. Of Symposium on Effects of Air Pollutants on Mediterranean and Temperate Forest Ecosystems, Riverside, California, June 22-27.
- Fox, C.A. and T.H. Nash III (1979) The effect of air pollution on western larch as detected by tree-ring analysis. Bull. of the Ecological Society of America, 60(2): 81.
- Nash, III, T.H., T.J. Moser, G.T. Nebeker, L. Sigal, and C.A. Fox (1978) Photosynthetic patterns of two Sonoran desert lichens. Proc. 2nd International Congress of Ecology, Jerusalem, p. 259