

ROB MELNICK

Julie Ann Wrigley Global Institute of Sustainability
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EMPLOYMENT

Arizona State University, Tempe, AZ

- 2019-present *Director, International Programs*
Presidential Professor of Practice and Research Scientist
School of Sustainability
Oversee numerous international education and research programs for undergraduate and graduate students including USAID mission-based research, global corporate mentoring, a joint masters degree program with Leuphana University (Luneburg, Germany) and ASU study abroad courses. Oversee the School's research proposal development unit. Teach courses including SOS 323: Sustainable Urban Dynamics and SOS494/598: Urban Sustainability and Public Policy in Hong Kong. Chair and member of masters and doctoral committees.
- 2008-2019 *Executive Director, Global Institute of Sustainability*
Executive Dean, School of Sustainability
Research Scientist, Presidential Professor of Practice School of Sustainability
Develop and administer strategic planning and budget for the unit that leads university-wide activities in sustainability education, research and practice. Present research to business, government, education and NGO leaders. Oversee staff and finances. Represent ASU to external constituencies. Teach graduate courses in urban sustainability and policy. Chair masters and doctoral committees. Extensive fundraising, public speaking and resource development activities. Report to the President of ASU via a management committee.
- 2003-2008 *Associate Vice President for Economic Affairs and Public Policy*
University-wide responsibility for economic development and corporate relations strategy. Connect research, technical assistance, public policy, technology commercialization and economic activities of ASU faculty and staff to government and the private sector. Conduct special projects at the direction of the President and the Vice President for Research. Represent the university to major economic and policy organizations including the Governor's Office, state legislature, city, regional organizations and large corporations. Work closely with the ASU Foundation on fund raising strategies related to corporate philanthropy.

2001-2003 ***Assistant Vice Provost for Research***
Responsibility for linking scientists and social scientists with regional and state issues pertaining to their research with a special emphasis on urbanization, environmental science and public policy. Conduct special projects and assist in the administration of the Provost's office.

1987-2008 ***Director, Morrison Institute for Public Policy***
Research Scientist, School of Public Affairs
Chief administrator of the university's public policy research center. Faculty, ASU School of Public Affairs. Identify timely public policy issues; initiate contract or independent research and evaluation projects; manage faculty and research staff; assist, inform, and advise senior national, state and local government and private sector decision makers. Policy analysis, fundraising, public speaking, research design, writing, fiscal responsibility and interaction with the Institute's Board of Advisors.

Hudson Institute, Inc., Indianapolis, Indiana/Washington, D.C.

1982-1987 ***Vice President, Education and Employment Policy Research***
Initiate, direct, and conduct research projects for local, state, and federal governments; corporations; and foundations on education, employment and economic issues. Management responsibility for senior research staff and fiscal affairs; extensive fundraising and public presentations.

Senior Research Fellow

Policy research, proposal writing, fund raising and public speaking. Research emphases — education reform, social policy, economic development, employment policy, future studies.

Desert Mountain Associates, Inc., Phoenix, Arizona

1980-1982 ***Vice President***
Initiate and manage policy and product development projects on human resources and organizational development, public information, and hazards management. Direct marketing staff, research analysts, and technical writers. Extensive marketing needs analysis, research, and problem solving conducted for corporate executives and government officials.

Arizona State University, Tempe, Arizona

1975-1980 ***Associate Director, University Media Systems***
Administrative responsibility for the personnel, finances, and activities of six departments that provide services to the university: Publications, Instructional Design, Media Productions, Printing, Mail Services, Equipment Distribution. Manage business affairs for the Central Arizona Film Cooperative, Inc., a nationally renowned nonprofit video and film library.

Instructor, Department of Educational Technology

Faculty appointment teaching undergraduate and graduate courses in educational administration and policy, design and production of training programs, and application of technologies in education. Develop new courses, advise graduate students, supervise interns.

Glendale Union High School District, Glendale, Arizona

1973-1975 ***Director, Media Center and Social Studies Teacher, Greenway High School***
Develop and coordinate the instructional resources program of a new school; program administration and classroom instruction.

EDUCATION

1980	Ph.D. (Educational Technology)	Arizona State University
1973	M.A. (Instructional Media)	Arizona State University
1972	Graduate Student (Political Science)	New York University
1972	B.A. (Government)	Dartmouth College

RESEARCH PUBLICATIONS, PAPERS, AND NEWSPAPER ARTICLES

Books

- Beirlein, Louann and Rob Melnick. 1995. *The Modern Red Schoolhouse: Technology Planning and Implementation Handbook*. Indianapolis: Hudson Institute.
- Melnick, Rob, et al., 1988. *Urban Growth in Arizona: A Policy Analysis*. Tempe, AZ: Morrison Institute.
- Melnick, Rob, 1984. *Visions of the Future: A Textbook on the Past, Present and Future*. New York: International Center for the Development of Thinking Skills.
- Melnick, Rob and Bernie Ronan, 1984. *Visions of the Future: A Textbook on the Past, Present and Future*, Teacher's Edition. New York: International Center for the Development of Thinking Skills.
- Gerlach, Vernon, Donald Ely, and Rob Melnick, 1980. *Teaching and Media: A Systematic Approach*, 2nd ed., Englewood Cliffs, NJ: Prentice-Hall.

Book Chapters

- Melnick, Rob and John Hall, 2009. "Regional Roles, Relationships and the Future of the Phoenix Metropolitan Area." In Don Phares, Ed., *Governing Metropolitan Regions in the 21st Century*. Armonk, NY: M. E. Sharpe.
- Hall, John and Rob Melnick. 2004. "Citistates Mathematics: Regional Roles and Relations in Greater Phoenix." In Don Phares, Ed., *Metropolitan Governance without Metropolitan Government*. Thousand Oaks, CA: Ashgate Publishing.

Research Reports

- Freidman, Debra et. al., 2008. *Greater Phoenix Forward: Sustaining and Enhancing the Human Services Infrastructure*. Phoenix, AZ: Morrison Institute for Public Policy.
- Gammage, Jr., Grady, John Hall, Robert Lang, Rob Melnick and Nancy Welch, 2008. *Megapolitan: Arizona's Sun Corridor*. Tempe, AZ: Morrison Institute for Public Policy.
- Heffernon, Rick, Nancy Welch, and Rob Melnick, 2007. *Arizona Policy Choices: Sustainability for Arizona—The Issue of Our Age*. Tempe, AZ: Morrison Institute for Public Policy.
- Gammage, Jr., Grady, Nancy Welch, Rob Melnick, JD Godchaux, Rick Heffernon, David Berman, Bill Hart, Richard Toon, Ellen Jacobs, Barbara Lewkowicz, Dana Bennett, and Yuri Artibise, 2007. *The Future at Pinal: Making Choices / Making Places*. Tempe, AZ: Morrison Institute for Public Policy.
- Toon, Richard, Rob Melnick, Grady Gammage, Jr., Nancy Welch, David Berman, Bill Hart, Rick Heffernon, and Erica Rosenberg, 2006. *Arizona Ideas: Policies from A-Z for a Livable and Competitive State*. Tempe, AZ: Morrison Institute for Public Policy.
- Melnick, Rob, Ed., 2006. *Making Arizona Competitive in Science, Engineering and Medical Research and Innovation Understanding the Pathway to Success*, Phoenix, AZ: Greater Phoenix Leadership.
- Gammage, Jr., Grady, Rob Melnick, Rick Heffernon, Eugene Slechta, Nancy Welch, David Berman, Bill Hart, Richard Toon, Kirby Hoyt, and Jeremy Beals, 2006. *The Treasure of the Superstitions: Scenarios for the Future of Superstition Vistas — Arizona's Premier State Trust Land in the Southeast Valley*. Tempe, AZ: Morrison Institute for Public Policy.
- Heffernon, Rick, Rob Melnick, and Lili Stiefel, 2006. *Enriching Arizona's Knowledge Economy: Creating the Research Connections, Attention, and Talent Arizona Needs to Compete — Proposition 301 Investments at Arizona State University, FY 2002 - FY 2005*. Tempe, AZ: Morrison Institute for Public Policy.
- Heffernon, Rick and Rob Melnick, 2005. *Proposition 301 at Arizona State University: Three-Year Aggregate Report, FY 2002 - FY 2004*. Tempe, AZ: Morrison Institute for Public Policy.
- Melnick, Rob, Nancy Welch, and Bill Hart, 2004. *How Arizona Compares: Real Numbers and Hot Topics*. Tempe, AZ: Morrison Institute for Public Policy.
- Welch, Nancy, David Berman, Bill Hart, Rob Melnick, Eugene Slechta, Suzanne Taylor, Richard Toon, Linda Sandler, and Laura R. Davis, 2005. *What Matters: The Maturing of Greater Phoenix*. Tempe, AZ: Morrison Institute for Public Policy.
- Heffernon, Rick, Rob Melnick, and Walter Valdivia, 2004. *Connections, Attention, and Talent: En Route Returns on Arizona's Proposition 301 Investment in Arizona State University*. Tempe, AZ: Morrison Institute for Public Policy.
- Melnick, Rob, Suzanne Taylor, Nancy Welch, Jeff Chapman, John S. Hall, Tim Hogan, Tom Rex, Dennis Hoffman, and Gail Howard, 2003. *Economic Development Via Science and Technology: How Can Arizona Improve Its Standing?* Tempe, AZ: Morrison Institute for Public Policy.
- Gau, Rebecca L., Louann Bierlein Palmer, Rob Melnick, and Rick Heffernon, 2003. *Is There a Teacher Shortage?: Demand and Supply in Arizona*. Tempe, AZ: Morrison Institute for Public Policy.
- Melnick, Rob, Suzanne Taylor, Nancy Welch, Jeff Chapman, John S. Hall, Tim Hogan, Tom Rex, Dennis Hoffman, and Gail Howard, 2003. *Economic Development Via Science and Technology: How Can Arizona Improve Its Standing?* Tempe, AZ: Morrison Institute for Public Policy.

- Melnick, Rob, Rick Heffernon, and Nancy Welch, 2003. *Seeds of Prosperity: Public Investment in Science and Technology Research*. Tempe, AZ: Morrison Institute for Public Policy.
- Heffernon, Rick, Tom Rex, Rob Melnick, and Christina Kinnear, 2002. *Gray Matters: An Economic Analysis of Yavapai County's Senior Industries*. Tempe, AZ: Morrison Institute for Public Policy.
- Gau, Rebecca L., and Rob Melnick, 2002. *Arizona's Workforce Development System: Update and Impact of the Workforce Investment Act of 1998*. Tempe, AZ: Morrison Institute for Public Policy.
- Melnick, Rob, and John S. Hall, 2002. *The Coming of Age: Four Scenarios of Arizona's Future*. Phoenix, AZ: St. Luke's Health Initiatives.
- Melnick, Rob and Onnie Shekerjian, 2002. *Proposition 301 Promises, Progress, and Prospects*. Tempe, AZ: Morrison Institute for Public Policy.
- Muro, Mark, Jun Onaka, and Rob Melnick, 2002. *The Economics of Large-Scale Conservation: A Framework for Assessment in Pima County*. Tempe, AZ: Morrison Institute for Public Policy.
- Muro, Mark, Rob Melnick, and Rick Heffernon, 2002. *Stakeholder Perspectives on the Economic Impact of the Sonoran Desert Conservation Plan: What Does the Business Community Think?*. Tempe, AZ: Morrison Institute for Public Policy.
- Gau, Rebecca L., Howard Sullivan, Michelle Reimann, and Rob Melnick, 2001. *A School-to-Work System for Arizona: Final Evaluation of the State and Federal Initiative*. Tempe, AZ: Morrison Institute for Public Policy.
- Heffernon, Rick and Rob Melnick, 2001. *Growth Management and Open Space Protection in Arizona: Current Tools and Progress*. Tempe, AZ: Morrison Institute for Public Policy.
- Heffernon, Rick, Mark Muro, Rob Melnick, and Christina Kinnear, 2001. *Growth on the Coconino Plateau: Potential Impacts of a Water Pipeline for the Region*. Tempe, AZ: Morrison Institute for Public Policy.
- Hall, John S. and Rob Melnick, 2001. *More Promises to Keep: Sustaining Arizona's Capacity for Welfare and Health Reform*. Tempe, AZ: Morrison Institute for Public Policy.
- Melnick, Rob and Louann Bierlein Palmer, 2001. *The Past, Present and Future of Proposition 301: Determining the Return on Investment*. Tempe, AZ: Morrison Institute for Public Policy.
- Johnson, Ryan, Christina Kinnear, Mary Jo Waits, Rob Melnick, Nancy Welch, Jamie Goodwin-White, and Jack Pfister, 1999. *What Matters in Greater Phoenix: Indicators of Our Quality of Life*. Tempe, AZ: Morrison Institute for Public Policy.
- Heffernon, Rick and Rob Melnick, 1998. *Urban Growth Management in Arizona*. Tempe, AZ: Morrison Institute for Public Policy.
- Heffernon, Rick and Rob Melnick, 1998. *Academic Standards in Arizona*. Tempe, AZ: Morrison Institute for Public Policy.
- Johnson, Ryan, Nancy Welch, Jamie Goodwin-White, Rupam Raja, Mary Jo Waits, Jack Pfister, and Rob Melnick. 1998. *What Matters in Greater Phoenix: 1998 Indicators of Our Quality of Life*. Tempe, AZ: Morrison Institute for Public Policy.
- Melnick, Rob, 1998. "Growing Smarter and the Citizens Growth Management Initiative: Early Lessons." In John S. Hall (Ed.), *Arizona Policy Choices: The Machine in the Garden*. Tempe, AZ: Morrison Institute for Public Policy.
- Vandegrift, J. A., Arnie Danzig, and Rob Melnick, 1998. *Setting the Pace: A Workforce Development Guide for Chambers of Commerce*. Washington, DC: U.S. Chamber of Commerce.

- Johnson, Ryan, Nancy Welch, Jack Pfister, and Rob Melnick. 1997. *What Matters in Greater Phoenix: 1997 Indicators of Our Quality of Life*. Tempe, AZ: Morrison Institute for Public Policy.
- Melnick, Rob. 1997. "Why Study Tax Cuts in Arizona Now?" In John Hall (Ed.), *Arizona Policy Choices: Balancing Acts: Tax Cuts and Public Policy in Arizona*. Tempe, AZ: Morrison Institute for Public Policy.
- Melnick, Rob, 1995. *Growth and the Future of Greater Phoenix: Quality, Quantity, or Both?* Tempe, AZ: Morrison Institute.
- Waits, Mary Jo, Marcie Katler, et al. and Rob Melnick, 1993. "Comparative Analysis and Guidelines for an Arizona Incentive Policy." Tempe, AZ: Morrison Institute.
- Sullivan, Howard, Jim Klein, and Rob Melnick, 1993. *Minority Student Recruitment and Retention Programs at Arizona State University: Five-Year Evaluation Report*. Tempe, AZ: Morrison Institute.
- Melnick, Rob, 1992. "Arizona's Ethnic and Cultural Diversity: Ten Public Policy Challenges." In John Hall and Len Gorden, Eds., *Harmonizing Arizona's Ethnic and Cultural Diversity*. Phoenix: Arizona Town Hall.
- Melnick, Rob, 1992. *Parental Opinion of the Kyrene School District*. Tempe, AZ: Morrison Institute.
- Sullivan, Howard, Jim Klein, and Rob Melnick, 1992. *Minority Student Recruitment and Retention Programs at Arizona State University: 1991-92 Evaluation Report*. Tempe, AZ: Morrison Institute.
- Sullivan, Howard, Jim Klein, and Rob Melnick, 1991. *Minority Student Recruitment and Retention Programs at Arizona State University: 1990-91 Evaluation Report*. Tempe, AZ: Morrison Institute.
- Hall, John and Rob Melnick, 1991. "Tough Times Mean Tough Choices." In John Hall and Rob Melnick, eds., *Arizona's Taxing Choices*. Phoenix: Arizona Town Hall.
- Melnick, Rob, 1990. "Arizona's Leadership Malaise." In Rob Melnick and John Hall, eds., *New Directions for Arizona*. Phoenix: Arizona Town Hall.
- Melnick, Rob and Wolf Shappard, 1990. *The Status of Minority Students at Arizona State University*. Tempe, AZ: Morrison Institute.
- Melnick, Rob and Michael Walters, 1989. *A Formative Evaluation of the East Valley Information Network*. Tempe, AZ: Morrison Institute.
- DePasquale, Mary, et al., and Rob Melnick, 1988. *Reorganizing Maricopa County Government*. Tempe, AZ: Morrison Institute.
- Melnick, Rob, Con Wilson, and Jill Engmark, 1988. *Vocational Education and Economic Change in Arizona*. Phoenix: Arizona Department of Education.
- Melnick, Rob, 1987. *Economic Vitality in Arizona: The University Connection*. Tempe, AZ: Morrison Institute.
- Melnick, Rob, 1987. *Vocational Education in Arizona: A Strategic Plan*. Phoenix: Arizona Department of Education.
- Roepke, Deborah, Karol Kahalley, and Rob Melnick, 1987. *Intergovernmental Cooperation in the East Valley: Pooling Resources to Benefit Citizens*. Tempe, AZ: Morrison Institute.
- Melnick, Rob, et al., 1987. *Vocational Education and Economic Development in Indiana: Prospects and Policies for the Future*. Indianapolis: Hudson Institute.
- Melnick, Rob, 1986. *Defining Vocational Education*. Indianapolis: Hudson Institute.

- Melnick, Rob, 1986. *Scenarios of the Future of Education*. Indianapolis: Hudson Institute.
- Melnick, Rob, 1986. *Strategies for the Future of Vocational Education in Indiana*. Indianapolis: Hudson Institute.
- Melnick, Rob, Frank Armbruster, and Davis Reed, 1986. *The Nature of the Displaced Worker Problem in Indiana*. Indianapolis: Hudson Institute.
- Melnick, Rob, principal author, *et al.*, 1986. *Preparing Youth for the Job Market of the Future*. Indianapolis: Hudson Institute.
- Melnick, Rob, 1985. *Preparing Today's Workers for the Future: Education, Training, and Retraining Issues*. Indianapolis: Hudson Institute.
- Johnson, Bill, *et al.*, and Rob Melnick, 1985. *Michigan: Beyond 2000*. Indianapolis: Hudson Institute.
- Newitt, Jane, *et al.*, and Rob Melnick, 1984. *School-to-Work Transition Programs: A Policy Analysis*. New York: Hudson Institute.

Scholarly Papers

- Melnick, Rob, 1987. "The Future of Human Resources Development." Presented to the American Society for Personnel Administration, Kansas City, MO.
- Melnick, Rob, 1984. "Future Studies Curriculum Development." Presented to the National Council of Social Studies, Washington, DC.
- Melnick, Rob, 1984. "Visions of the Future." Presented to the Rocky Mountain Council for Social Studies., Phoenix, AZ.
- Melnick, Rob and Warren Fry, 1982. "From A.V. to I.D.: Selling University Administration on Instructional Design." Presented to the Association for Educational Communications and Technology, Dallas, TX.
- Melnick, Rob and James Eubanks, 1978. "Methodological Requirements for Quantifying Mental Imagery." Presented to the American Psychological Association, Toronto, Canada.
- Melnick, Rob, 1976. "Visual Literacy." Presented to the Association for Educational Communications and Technology, Anaheim, CA.

Articles

- Patterson, Van, Knott, Joseph, Melnick, Rob. 2016. "Achieving More with Less: Achieving more with less: Henkel's Factor 3 strategy." *Journal of Business Strategy*, Vol. 37, Issue: 3, pp. 3-11
- Wiek, A., Melnick, et al. 2015. "Sustainability Science in Action." *Sustainability Science*, Vol. 10 pp. 17-31
- Melnick, Rob, 1999. "University Policy Centers and Institutes: The Think Tank as Public Service Function." *Metropolitan Universities*, Vol. 10, No. 1, Summer.

- Melnick, Rob, Mary Jo Waits, and Tom Rex. 1998. "Cluster Analysis: A New Tool for Understanding the Role of the Inner City in a Regional Economy." *Metropolitan Universities*, Vol. 8, No. 4, Spring, pp. 23-36.
- Melnick, Rob. 1997. "Viewpoint: Urban Growth Lessons from San Diego." *Planning*. Vol. 63, No. 3. March.
- Melnick, Rob. 1996. "Politics and Growth in the Southwest." McNeil-Lehrer Newshour Website Essay, September 12.
- Gerlach, Vernon, Bill Hagen, and Rob Melnick, 1978. "Verbal Instructions, Mental Practice and Imagining: Effect on Skill Learning." *Audiovisual Instructional*. April, pp. 23-27.
- Melnick, Rob, 1972. "Kids, Why Can't They Be Like We Were?" *Audiovisual Journal of Arizona*, pp. 19-20.

Newspaper/Op Ed Articles

- Melnick, R., Boone, C., Dirks, G. 2016. "Can Universities Save the Planet?" *Huffington Post*, (May 11)
- Melnick, R., Boone, C., Dirks, G. 2015. "Hotter Arizona Must Fund Sustainability." *Arizona Republic*. (August 23)
- Melnick, Rob, 2009. "The View from 2025: With Visionary Planning, We Created a Practical Oasis." *Arizona Republic*-Sunday, Viewpoints Section. (April 19)
- Melnick, Rob and Rick Heffernon, 2008. "Sustainability - A Blueprint for Arizona." *Arizona Republic* - Sunday, Viewpoints Section. (January 6).
- Melnick, Rob, 2007. "The Metro Phoenix Economy in 2007." *Arizona Business*. (November).
- Melnick, Rob, 2006. "Arizona Ideas: Policies from A-Z for a Competitive and Livable State." *Tucson Citizen*. (November 27).
- Melnick, Rob, 2006. "Science, Tech Hold Key to Economic Balance." *Arizona Republic - Sunday*. (November 26).
- Melnick, Rob, 2006. "A to Z: Big Ideas." *Arizona Republic - Sunday*. (November 19).
- Melnick, Rob, 2005. "Image Makeovers: State's Cities Try To Shake Bad Reps To Lure Newcomers." *Arizona Republic*. (May 25).
- Melnick, Rob, 2005. "Appraising Arizona: We're 'Just Fair'." *Tucson Citizen*. (January 24).
- Melnick, Rob, Nancy Welch, and Bill Hart, 2005. "How Arizona Compares: a Morrison Institute Study Checks Our Standing among the States." *Arizona Republic - Sunday*. (January 16).
- Melnick, Rob and Nancy Welch, 2004. "How's It Going?" *Arizona Republic*. (December 12).
- Melnick, Rob, 2004. "Better Future Depends on Taking Critical Steps." *Business Journal*. (October 29).
- Melnick, Rob, 2004. "Greater Phoenix: Growing up and Growing Down." *Business Journal*. (October 29).
- Melnick, Rob, 2003. "Arizona's Future, Viewed Through Youthful Eyes." *Tucson Citizen*. (August 18).
- Melnick, Rob. 2003. "Young Minds Hold Key to Unlocking Future of Public Policy." *Arizona Republic*. (August 17), Viewpoints Section, p. V-1.

- Melnick, Rob, 2002. "School Reform Is an Investment, not an Expense." *Arizona Republic*. (March 7).
- Melnick, Rob, 1997. "Report Offers Starting Point For Gauging Quality of Life." *Arizona Republic*. (September 14), Special Report ("What Matters"), p. 3.
- Melnick, Rob, 1997. "Not Too Late for Orderly Growth." *Arizona Republic*. (February 16) p. H-1
- DeMichele, Mark and Rob Melnick, 1995. "Inner City Rap Drowns Out Development." *Arizona Republic*. (February 5), p. F-1.
- Melnick, Rob, 1994. "Let ASU Pick-up Pace to Aid the Community." *Arizona Republic*. (October 26), p. B-5.
- Waits, Mary Jo, Ryan Johnson, and Rob Melnick, 1994. "EZ Grant Could Change South Phoenix." *Arizona Republic*. (August 23), p. E-1.
- Melnick, Rob, 1993. "Employment in Arizona: A Coordinated Effort." *Phoenix Gazette*. (October 23), p. B-5.
- Melnick, Rob, 1993. "From the Bottom Up: The Potential of Parents to Lead Education Reform." *Arizona Republic*. (March 7), p. C-1.
- Melnick, Rob, 1989. "Fiscal 2000: Real Estate Transfer Taxes not Foolish as People Think." *Phoenix Gazette*. (October 25), p. B-6.
- Melnick, Rob and Tom Bell, 1985. "Investing in our Children." *Indianapolis Star*. (November 29), p. B-4.
- Melnick, Rob and Herbert London, eds., 1984. "Charting the Future of the Home Entertainment Industry." *Billboard*. (December; entire issue).

INSTRUCTIONAL PRODUCTS

New Technologies and Education, Population and Resource Issues, World Economic Development, The Great Transition, Indianapolis, IN: Hudson Institute, 1986. Four hour-long instructional videotapes used on broadcast television and distributed to schools nationwide. Producer and developer. (Funded by grants from the Lilly Endowment and the Indiana Public School Study Council.)

The Holistic Health Series, Englewood Cliffs, NJ: Prentice-Hall, Inc., 1977. Four units of instruction on contemporary issues of health policy, including instructional manuals, sound filmstrips, and 35mm slides. Director and instructional developer.

Self-Management in Education, Waco, TX: Educational Achievement Corporation, 1976. Twelve units of instruction on classroom management techniques and educational administration, including instructor and student texts and eleven sound filmstrips. Director and text writer.

RESEARCH GRANTS AND CONTRACTS/RESEARCH PROJECT ADMINISTRATION

Principal/co-principal investigator or overseer of approximately \$50,000,000 of policy research, economic development, applied and sustainability-relevant projects. Fund-raised, wrote proposals, wrote and/or managed/oversaw the following projects (funding organization in parentheses):

"Global Consortium for Sustainability Outcomes" (Wells Fargo, PepsiCo, 12 universities), \$2,000,000

"Sustainability Solutions Initiative" (Walton Family Foundation), \$27,500,000

- “Energize Phoenix” (U.S. Department of Energy), \$3,750,000
- “Sustainability Leadership” (U.S. Army/Army National Guard), \$750,000
- “Greater Phoenix Forward: Sustaining and Enhancing the Human Services Infrastructure” (Valley of the Sun United Way, City of Phoenix, Alcoa Foundation, SRP, APS, ASU College of Public Programs), \$250,000
- “Megapolitan: Arizona’s Sun Corridor” (Stardust Foundation, Tucson Electric Power, SRP, APS), \$155,000
- “Must Read Briefings on Arizona's Critical Issues,” (Westcor, Inc.), \$397,000
- “Next Moves for Chino Valley,” (Town of Chino Valley), \$382,000
- “Proposition 301 Initiatives Assessment, Year 6,” (Arizona Board of Regents), \$100,000
- “Healthcare in Gilbert: The Feasibility of a Preferred Company Environment,” (Town of Gilbert), \$33,744
- “The Rest of the Story: Domestic Violence Outlooks and Outcomes in Arizona,” (Arizona Governor's Office for Children), \$144,500
- “Future Tense: Issues and Ideas for Pinal County,” (Pinal County Board of Supervisors), \$272,000
- “The Voice of Latino Workforce Experience,” (U.S. Department of Labor), \$396,939
- “Proposition 301 Initiatives Assessment, Year 5,” (Arizona Board of Regents), \$100,000
- “Arizonans' Trust in Their Police: Elements, Variation and Limits,” (AZ Post), \$35,000
- “GPL Service Agreement,” (Greater Phoenix Leadership), \$101,000
- “Arts Education in an Era of Mixed Messages,” (Maricopa Partnership for the Arts, Arizona Commission on the Arts), \$18,999
- “Fact Finding and Financing Research for Arts and Culture in the Maricopa Region,” (Maricopa Partnership for the Arts), \$66,978
- “The Future of Superstition Vistas,” (East Valley Partnership, Central Arizona Project, City of Apache Junction, City of Mesa, Pinal County Board of Supervisors, The Sonoran Institute, Salt River Project), \$200,000
- “Police Attitudes Toward Domestic Violence in Arizona,” (Arizona Department of Public Safety), \$50,000
- “Proposition 301 Initiatives Assessment, Year 4,” (Arizona Board of Regents), \$100,000
- “What Matters? Indicators of Quality of Life in Greater Phoenix, 2005,” (General Dynamics, DMB Associates, Vestar Development, Snell & Wilmer, Virginia G. Piper Charitable Trust, Rode Charitable Foundation, Sunshine Holdings, Hensley, Banner Health, Empire Machinery, Wells Fargo, The Landmark, Holsom Bakery, Suncor, Pinnacle West, USAA, Lewis & Roca, Calence Inc, Kitchell Corp), \$66,500
- “Beat the Odds,” (Center for the Future of Arizona), \$211,153
- “Maricopa Regional Arts & Culture Task Force Study,” (Battelle Memorial Institute), \$40,800
- “Mandates, Limitations and AZ's Future,” (Phoenix Newspapers, Inc.), \$10,500
- “White Paper on Urban Redevelopment,” (Valley Partnership), \$42,957
- “Which Way Scottsdale?” (Scottsdale Chamber of Commerce), \$161,280
- “Pima County SDCP Study,” (Pima County), \$70,998
- “City of Phoenix Fight Back Program,” (City of Phoenix), \$25,025

- “Charter School Authorizing,” (Thomas Fordham Institute), \$52,000
- “AZ Partnerships and the New Economy,” (Collaborative Economics), \$66,400
- “Workforce Investment Act Governance in Arizona,” (Arizona Department of Commerce), \$265,458
- “ASU Community Fellows Program,” (Motorola), \$250,000
- “Motorola Community Fellows Initiative Grants,” (Motorola), \$141,000
- “GPL Service Agreement,” (Greater Phoenix Leadership), \$250,000
- “Yavapai County Senior Industry Study,” (Arizona Department of Commerce), \$33,825
- “Proposition 301 Initiatives Assessment,” (Arizona Board of Regents), \$300,000
- “Teacher Shortage Study,” (ASU President’s Office and Arizona Department of Education), \$74,907
- “Coming of Age Study,” (St. Luke’s Health Initiatives), \$15,000
- “Sonoran Desert Conservation plan Economic Impact Study,” (Pima County), \$70,998
- “United Way Indicators Study,” (Valley of the Sun United Way), \$20,000
- “North Central Arizona Regional Water Supply Study,” (Arizona Department of Water Resources), \$63,045
- “Phoenix Early Head Start,” (Southwest Human Development, Inc.), \$338,700
- “Work Force Development,” (Arizona Department of Commerce), \$93,810
- “Hits and Misses: Fast Growth in Metropolitan Phoenix,” (Cities of Phoenix, Scottsdale, Mesa, Chandler, Tempe, Glendale, Peoria, Maricopa County, Greater Phoenix Economic Council, Greater Phoenix Leadership, Stardust Foundation, Arizona Public Service, Blue Cross & Blue Shield, Scottsdale Chamber of Commerce, Motorola, Phoenix Chamber of Commerce, and Salt River Project), \$285,000
- “RPP Services Agreement,” (RPP International), \$9,932
- “Friendly House Job Linkages Demonstration Project,” (City of Phoenix), \$15,000
- “Tobacco Taxes, Settlements, and Public Policy in Arizona,” (St. Luke’s Charitable Health Trust), \$78,346
- “School To Work” (Arizona Department of Commerce), \$1,439,775
- “US Chamber of Commerce, School to Work Model Project,” (Center for Workforce Preparation and Quality Education, U.S. Chamber of Commerce), \$21,800
- “What Matters in Greater Phoenix: 1998 Indicators of Our Quality of Life,” (Motorola, Honeywell, Xerox, DMB Associates, Greater Phoenix Economic Council), \$80,000
- “Contemporary Issues in Public Policy,” (Greater Phoenix Leadership, Inc.), \$250,000 (\$50,000 per year)
- “Evaluation of Arizona Charter Schools,” (Arizona Department of Education), \$99,320
- “State Capacity and the Devolution of Social and Health Services,” (Rockefeller Institute, St. Luke’s Charitable Trust, Flinn Foundation), \$105,000
- “Adult Literacy,” (Arizona Department of Education), \$42,302
- “United Way: Community Needs Assessment,” (Valley of the Sun United Way), \$30,000
- “Anti-Gang Initiative,” (U.S. Department of Justice/City of Phoenix), \$49,449
- “Phoenix Violence Prevention Initiative,” (Arizona Supreme Court, Maricopa County, City of Phoenix, Greater Phoenix Leadership, Inc.), \$231,874

- “Charter Government in Maricopa County,” (Maricopa County), \$17,093
- “Senior Living Cluster,” (Del Webb Corporation), \$40,000
- “Market Development Cooperator Program,” (U.S. Department of Commerce), \$28,003
- “The School-to-Work Transition,” (Arizona Governor’s Office of Community Programs), \$27,051
- “The Head Start Transition Project,” (U.S. Department of Health and Human Services), \$626,035
- “Arizona Employment and Training Program Summary,” (Arizona Governor’s Office of Employment and Training), \$25,000
- “ASU/City of Phoenix Community Outreach Partnership Center,” (U.S. Department of Housing and Urban Development), \$391,042
- “Empowerment Zones,” (City of Phoenix), \$10,000
- “Evaluating the Home-to-Own Program for Low Income Families,” (First Interstate Bank/Federal National Mortgage Association/National Council of La Raza), \$46,087
- “Compendium of Current Research in Arts Education,” (National Endowment for the Arts), \$5,000
- “Best Bets for Arts and Education,” (National Endowment for the Arts, Local Arts Agencies Program), \$24,000
- “Creating a Governor’s Office of Employment Policy,” (Arizona Employment Training Council), \$10,000
- “The Modern Red Schoolhouse,” (New American Schools Development Corporation), \$950,000
- “Beyond Tradition: Options for Libraries in an Information Society,” (Arizona Department of Libraries, Archives and Public Records), \$6,976
- “Analysis of Eisenhower Math and Science Programs,” (Arizona Board of Regents), \$20,000
- “AZ-Strategic Plan for Economic Development,” (Arizona Department of Commerce), \$25,500
- “Regional Airport Feasibility Study,” (U.S. Department of Transportation), \$45,000
- “Kids Count: Arizona’s Children 1992,” (Ann E. Casey Foundation, Inc.), \$20,000
- “Urban Growth in Arizona,” (Arizona Joint Legislative Committee on Urban Growth), \$150,000
- “Arizonans and the Environment,” (Browning-Ferris Industries, Inc.), \$15,000
- “At Risk Youth in Arizona: Evaluation and Policy Implications,” (Arizona Legislature), \$700,000
- “The Status of Minority Students at Arizona State University,” (Office of the President, ASU/Arizona Board of Regents), \$55,000
- “An Arizona High Technology High School,” (Arizona Division of Vocational Education), \$74,989
- “Briefings on Education for Business Leaders,” (Arizona Business Forum, Inc.), \$10,000
- “Air Quality,” “Regional Issues,” “Choice in Education,” (Valley Citizens League, Inc.), \$50,000
- “Reorganizing Maricopa County Government,” (Maricopa Association of Governments), \$95,000
- “Creating Excellence in Education: The Role of City Government,” (Gannett Foundation, City of Phoenix, American Express, Inc.), \$30,000
- “Intergovernmental Cooperation: Pooling Resources to Benefit Citizens,” (East Valley Partnership, Inc.), \$10,500
- “Vocational Education in Arizona: Strategies for the Future,” (Arizona Department of Education), \$70,000
- “Work Force 2000,” (U.S. Department of Labor), \$975,000

- “Preparing Workers for the Future,” (Ameritech, Inc.), \$75,000
- “Vocational Education: Prospects and Policies for the Future,” (Indiana Economic Development Council, Inc.), \$80,000
- “Preparing Youth for the Job Market of the Future,” (Indiana Office of Occupational Development, Inc.), \$9,500
- “The Future of Michigan,” (Michigan State Senate), \$185,000
- “School to Work Transition Programs: A Policy Analysis,” (Jobs for America’s Graduates, Inc.),
- “Visions of the Future,” (Readers Digest Foundation, Smith-Richardson Foundation, J. M. Foundation, Lilly Endowment, Starr Foundation), \$1,500,000
- “Emergency Management: Training and Public Education,” (Federal Emergency Management Agency, Arizona Department of Emergency Services, Arizona Public Service Corporation, Salt River Project), \$80,000

PROFESSIONAL PROJECTS AND ACTIVITIES

International

Produced program evaluation reports, taught for-credit university courses and provided keynote lectures in Georgia (former Republic of Georgia), Albania, China, Hong Kong, Singapore, Germany, Ireland, Netherlands, Russia, Mexico, Canada, Thailand.

Consulting

Consultant in the areas of policy analysis, public information, and program evaluation for numerous government, corporate, and educational organizations, including: American Mortgage Bankers Association; Allied Signal; Arizona Supreme Court; Arizona Public Service Corporation; AT&T; *Billboard Magazine*; Charles Schwab; Concor Corporation; Dairy Council of California; Facts on File; Federal Emergency Management Agency; Flinn Foundation; Fordham Foundation; Greater Phoenix Economic Council (GPEC); I.B.M.; Intel Corporation; International Management and Development Group, Indiana Economic Development Council; Miller Research Foundation; National Automotive Dealers Association; Navajo Tribe; public schools in Utah, Arizona, California, New York, Illinois, Connecticut, Michigan, Indiana, North Carolina, and Ohio; Raytheon; Salt River Project; St. Joseph’s Hospital Group; Synergistic Educational Systems; the Departments of Education, Economic Security, Radiation Regulation, and Corrections for various states; U.S. Department of Education; University of California System; Valley Partnership; Waltham Foundation.

Mass Media Presentations

Appeared as a commentator or interviewee on all major television stations in Phoenix, Arizona and Indianapolis, Indiana; extensive radio talk show appearances; interviewed by editorial boards and quoted in major newspapers throughout the country.

Keynote Speeches

Delivered over 100 invited keynote speeches to regional and national conferences sponsored by government agencies, professional associations, and businesses including: Conference of Southwestern Foundations, American Mortgage Bankers Association, National Judicial College, American Society for Personnel Administration, Arizona Commission on the Arts, US National Guard, Arizona Association for Industrial Development, Arizona Planning Association, California State University System, Federal Emergency Management Agency, I.B.M., Indiana Association for Vocational Education, Indiana Bell Telephone, Indiana State Chamber of Commerce, League of Arizona Cities and Towns, Ameritech, National Conference on the Relationship Between Universities and State Capitals, National Conference of Corporate Relations Officers, National Association of Local Arts Agencies; Arizona Department of Transportation, Arizona Department of Economic Security, Arizona Department of Education, U.S. Department of Labor, U.S. Department of Education, U.S. Department of Health and Human Services.

SERVICE

2017-Present	Board of Advisors, Global Locust Initiative, ASU
2015-Present	Board of Advisors, Center for Biodiversity Outcomes, ASU
2009-2018	Board of Directors, TUV Rheinland Solar Energy Technology Assessment Laboratory (TUV-PTL, LLC)
2009-Present	Board of Directors, The Sustainability Consortium
2008-2012	Sustainability Tourism Council, Arizona Department of Tourism, Member
2007-2010	Governor's Arizona-Global Network, Member
2005-2008	Rodel Foundation of Arizona, Advisory Board, Member
2003-2008	Greater Phoenix Economic Council, Board of Directors and Executive Committee
2002-2007	Flinn Foundation/Battelle Research Institute Arizona-Biosciences Roadmap Strategy
2001	Governor's Task Force on Education Effectiveness and Efficiency, Member
1998-2002	Governor's Workforce Development Policy Council, Member
1998-2005	Rhodes Scholarship Selection Committee (Arizona)
1998-2003	Tempe Union High School District Policy Review Council, Member
1998-2002	Girl Scouts of Arizona, Inc., Community Advisory Board
1998-2005	Corona del Sol High School Site Council, Member
1996-1997	WorkForce 2020, National Board of Advisors
1996-1997	Governor's School-to-Work Council, Member
1996-2000	Jobs for America's Graduates, Inc., Vice President
1995	Governor's Review Board on Program Authorization, Member
1995-1996	Citizens for Better Government/County Home Rule Committee, Member
1994-1996	Educational Excellence Network, Inc., Board of Advisors
1993-1997	Children's Action Alliance, Inc., Fiscal Policy Committee, Member
1993	Governor's Task Force on Employment and Training, Member and Facilitator
1993	State Superintendent's Task Force on School Violence, Member and Facilitator
1992-1994	Work Force Solutions for America's Future, Inc., Board of Directors.
1991-1995	Flinn Foundation Scholarship Selection Committee, Member
1991	Governor's Task Force on Education, Member and Moderator
1990-1992	Institute for Educational Leadership of Arizona, Board of Directors
1990-2001	Arizona School-to-Work Partnership, Inc., Board of Directors and Secretary

1990-1993 Fiscal Accountability and Reform Committee, Member
1990-1992 Arizona Town Hall Research Report, Co-Director
1990 Vision Tempe Task Force, Member
1990 Arizona Select Committee on Education Reform, Member
1989-1992 Phoenix Commission on Education, Member
1988-1992 Kyrene Community Foundation, Inc., Board of Directors and Treasurer
1988-1991 Phoenix Futures Forum Policy Committee, Member
1987-1995 Phoenix Center for Law-Related Studies, Board of Directors
1986 Noble Centers, Inc., Board of Directors
1986 National School Recognition Committee, U.S. Department of Education, Member
1986-1987 National Review Panel, U.S. Department of Education, Member
1985-1986 1987 Pan American Games X, Policy Committee
1985 Indiana State Curriculum Advisory Committee, Member
1985 Indiana State Research Policy Committee, Member
1984 Arizona Education and Training Policy Committee, Member
1983 State of Arizona Textbook Adoption Committee, Member

UNIVERSITY SERVICE

International Travel Advisory Committee, Member
Faculty search committees, Chair or Member
Arizona Center for Biodiversity Outcomes, Advisory Board
Arizona Institute for Renewable Energy, Board of Governors
ASU Research Park, Inc., Board of Directors
Selection Committee, Dean, College of Public Programs
ASU International Affairs Committee
Search Committee Chairman, Stardust Center for Affordable Homes and the Family
Sustainable Technologies Program, Director/Steering Committee
President's Business Strategy Group, Member
President's Task Force on Community Engagement
Reviewer, Southwest Center for Environmental Research and Policy
President's Committee Enrichment Program
Faculty Advisory Council, Center for Environmental Studies
University of the Next Century Committee
University Strategic Planning and Budgeting Committee
President's Committee on Health Sciences Education
University Committee on Community Partnerships
Search Committee Chairman, Director, School of Public Affairs
Search Committee Chairman, Associate Vice President for Community Relations
Search Committee Chairman, Director of Economic Development

Search Committee, Dean, College of Extended Education
North Central Association Evaluation Committee
Sunset Review Committee, Center for Business Research
President's Minority Advisory Committee
President's Committee on Growth Management
Loaned Executive Program Committee
Advanced Public Executive Program, Board of Advisors
Herberger Design Center, Advisory Committee