Amsterdam Professor of Public Service and of Economics
Trachtenberg School of Public Policy and Public Administration
George Washington University
805 21st St NW, Room 601T
Washington, DC 20052
Email: barnow@gwu.edu
Phone: (202) 994-6379
Facsimile: (775) 239-8319

### OTHER AFFILIATIONS AT GEORGE WASHINGTON UNIVERSITY

George Washington Institute for Public Policy Health Workforce Institute Regulatory Studies Center Department of Economics Center for Economic Research

#### **OTHER AFFILIATION**

Nonresident Fellow, the Urban Institute

# **EDUCATION**

1973	Ph.D., Economics, University of Wisconsin at Madison
1972	M.S., Economics, University of Wisconsin at Madison
1969	B.S., Economics, Massachusetts Institute of Technology

#### **EXPERIENCE**

Dr. Barnow is an economist who works primarily in the areas of workforce development programs, performance management, program evaluation, and labor economics. Since September 1, 2010, he has been Amsterdam Professor of Public Service and Economics at George Washington University in the Trachtenberg School of Public Policy and Public Administration. His responsibilities include teaching graduate courses in public policy and public administration and conducting scholarly research; current teaching responsibilities include a doctoral seminar on public finance and human capital and a course on public and nonprofit program evaluation. Since January 2018, he has been Director of the Ph.D. Program for the Trachtenberg School. Dr. Barnow is also a Nonresident Fellow with the Urban Institute. Dr. Barnow has held the following positions:

- **Fulbright Specialist, Yangon University of Economics, Myanmar (2017).** Teach course in public finance to faculty and graduate students to prepare them to teach a public finance course.
- Academic Visitor, University of Oxford Department of Social Policy and Intervention (2016). Conduct research on labor economics, program evaluation, and social policy; provide guidance to doctoral and master's students in social policy and intervention.
- Associate Director for Research and Principal Research Scientist at the Institute for Policy Studies, Johns Hopkins University (1992-2010). Responsible for reviewing research staff's performance for quality and timeliness, reviewing research proposals, assist Director in managing all aspects of the Institute, teach courses in program evaluation and labor economics, and obtain funding for and conduct research on public policy issues.
- Vice President and Project Manager of Lewin-ICF (1984-1992). Responsible for directing the research program in the fields of labor economics, evaluations of employment and training and social service programs, and education; work included recruiting and supervising research staff, leading research studies, and preparing reports and scholarly publications.
- Economic consultant for the government of Australia (1984). Advised the Australian government on the quality of their evaluation program, suggested ways to evaluate selected programs, and presented seminars on research and evaluation in the employment and training field.
- Director of the Office of Research and Evaluation, Employment and Training Administration, U.S. Department of Labor (1979-1984). Responsibilities included direction of ETA's research, development, and evaluation programs; supervision of a staff of 30; administration of programs with annual budget of \$13 million; and development and implementation of the program. Major accomplishments included establishment of evaluation system for the Job Training Partnership Act program and evaluations of all major federal employment and training programs.
- Special Assistant to the Deputy Assistant Secretary, Office of the Assistant Secretary for Policy, Evaluation, and Research, U.S. Department of Labor (1977-1979).

Advised the Deputy Assistant Secretary on research and evaluation issues for all Department of Labor programs; established and implemented system for coordinating agency programs with the Secretary's priorities; and conducted research on evaluation methodology and pensions.

- Economist, Office of the Assistant Secretary for Policy, Evaluation, and Research, U.S. Department of Labor (1975-1977). Worked with DOL agencies in development and implementation of their research and evaluation programs; conducted research on pensions and employment and training programs.
- Assistant Professor of Economics, University of Pittsburgh (1973-1975).

Taught graduate and undergraduate courses in labor economics, public finance, economics of education, microeconomics, and macroeconomics; conducted research on labor economics, public finance, and the economics of education.

# PROFESSIONAL MEMBERSHIPS AND HONORS

American Economic Association Association for Public Policy Analysis and Management American Society for Public Administration Vice Chair National Academy of Sciences Committee on the Information Technology Workforce (1998-2001) Member National Academy of Sciences Board on Higher Education and Workforce (2002-2008) Member National Academy of Sciences Committee on the NASA Workforce (2006-2007) Member National Academy of Sciences Committee to Evaluate the Title VI and Fulbright-Hays International Programs (2006-2007) Member National Academy of Sciences Committee on Approaches to Evaluating the NIST Postdoctoral Research Associateship Program (2007) Chair Maryland Governor's Workforce Investment Board Performance Committee (1996-2001) Member Baltimore Workforce Investment Board System Effectiveness Committee (1998-present) Member Arizona Child Support Guidelines Economic Subcommittee (2006-2007) Member Association for Computing Machinery Job Migration Task Force (2005-2006) Member American Jewish Committee Task Force on National Service (2006-2007) Policy Council, Association for Public Policy Analysis and Management (2003-2007) Chair, National Association of Schools of Public Affairs and Administration Research Committee, (2005-2011) Editorial Advisory Board, Environment and Planning C: Government and Policy (2000-2010) Editorial Board, Journal of Policy Analysis and Management (2007-2014) Member National Association of Schools of Public Affairs and Administration Nominating Committee, 2008 Member Association for Public Policy Analysis and Management Vernon Prize Committee, 2008; chair 2009

Member National Academy of Sciences Committee to Review the United States Institute of Peace Senior Fellows Program, 2008	
Member National Academy of Sciences Committee to Review EPA's Title 42 Hiring Authority for Highly Qualified Scientists and Engineers 2009-2010	
Member National Academy of Sciences Committee on the External Evaluation of the	
National Institute on Disability and Rehabilitation Research and Its Grantees (2009-2013)	
Member National Academy of Sciences Committee on the Emerging Workforce Trends	
in the U.S. Mining and Energy Industries (2010-2013)	
Elected member National Academy of Social Insurance, 2009 to present	
Elected fellow National Academy of Public Administration 2013 to present	
Member National Academy of Sciences Committee on Science, Technology,	
Engineering, and Mathematics Workforce Needs for the U.S. Department of	
Defense and the U.S. Defense Industrial Base (2010-2012)	
Member National Academy of Sciences Committee on the Context of Military	
Environments (2013-2014)	
Associate Editor for Methods Section, Journal of Policy Analysis and Management	
(2014-present)	
Consulting Editor, Evaluation Review (2014-present)	
Fulbright Specialist Roster (2016-present)	
Member (2015) and Chair (2016-2017) NASPAA Staats Emerging Scholars Award Committee (2015-2018)	
Member District of Columbia Youth Apprenticeship Advisory Committee (2017-2020)	
Member National Academy of Sciences Committee on Assessing the Minerva Initiative	
and the Contribution of Social Science to Addressing Security Concerns (2018- present)	
Social Security Administration Panel of Outside Scholars and Practitioners for the	
Retirement and Disability Research Consortium (2019-present)	
Co-Chair, Program Committee Work and Employment, APPAM International Conference (2019)	
Member Editorial Board International Journal of Policy Studies (2019-2020)	

# SPONSORED RESEARCH PROJECTS

# **Employment and Training and Education Programs**

- Co-Director of an assessment of the Homeless Veterans Reintegration Program for the Chief Evaluation Office in the U.S. Department of Labor.
- Co-Director of an assessment of the implementation of workforce development and unemployment insurance provisions of the American Recovery and Reinvestment Act in 20 states for the Employment and Training Administration.

- Co-Principal Investigator of a project to conduct an institutional analysis of American Job Centers for the Chief Evaluation Office of the U.S. Department of Labor to learn how American Job Centers operate, who their partners are, what their funding sources are, and what populations they serve.
- Director of outcome study for evaluation of the American Apprenticeship Initiative for the Chief Evaluation Office of the U.S. Department of Labor to evaluate efforts to promote apprenticeship
- Economist on project to conduct research on issues in apprenticeship and labor market information for the Employment and Training Administration, U.S. Department of Labor.
- Senior researcher on a project to develop and test Reemployment and Eligibility Assessment (REA) models in several states to learn the impacts of these programs on state trust funds and claimants' labor market success, which components contribute most to impacts, and which subpopulations of claimants are helped most.
- Consultant to the World Bank to assess workforce and welfare programs in Jamaica, Grenada, and the Seychelles.
- Consultant to the Inter-American Development Bank to on design and evaluation of employment and training programs for Latin American nations. Work has involved presentations at conferences in Washington, DC and Montevideo, Uruguay, as well as site visit to Bogota, Columbia.
- Co-Director of a formative evaluation of the Transition Assistance Program Employment Workshop for the Veterans Employment and Training Service and the Chief Evaluation Officer of the U.S. Department of Labor to assess the quality of a new program to assist separating service members obtain employment.
- Director of impact evaluation of Accelerating Opportunity program funded by the Gates Foundation to test promising strategies that combine adult education with vocational training in selected states.
- Co-Director of project for the Employment and Training Administration to identify and document promising practices to increase connectivity between the unemployment insurance system and the workforce development system.

- Director of outcome evaluation of a project funded by the Employment and Training Administration to implement pilot projects in selected states that promote the use of promising practices to increase connectivity between the unemployment insurance system and the workforce development system.
- Researcher on evaluation of Young Parents Demonstration to determine the impact of a demonstration to provide mentoring and other additional services to young parents enrolled in a demonstration program.
- Researcher on a project for the Employment and Training Administration to develop strategies to develop and evaluate promising practices to improve labor market outcomes for disconnected youth.
- Principal Investigator on a project for the Employment and Training Administration to analyze faith-based and community job clubs and develop a strategy to evaluate their effectiveness.
- Co-Director of a study for the Employment and Training Administration to evaluate implementation of priority of service for veterans provisions of the Jobs for Veterans Act in one-stop career centers.
- Director of a study for the Employment and Training Administration to estimate the impact on earnings of selected projects in the High Growth Job Training Initiative. Propensity score matching and regression discontinuity designs are being used to estimate the impact on earnings of five training demonstrations.
- Director of study for New York State Economic Security Cabinet on what is known on blending of human resource programs. The report synthesizes what is known about the advantages and disadvantages of blending programs; contains case studies of four states that are leaders in blending programs, and compares the performance of the four states analyzed to that of other states.
- Co-Director of a study for the Employment and Training Administration to develop outcome-based efficiency measures for 11 employment and training programs and to develop appropriate standards for states and adjustment procedures to take account of differences across states in characteristics of customers and economic conditions.

- Co-Director of evaluation for Casey Family Programs assessment of demonstration program providing assistance to youth in foster care who are ready to enter the labor market. The study included case studies of the sites and statistical analyses of the administrative data to determine the effects of youth characteristics on services received and of services and youth characteristics on employment outcomes.
- Co-Director of a study for the Employment and Training Administration to analyze differences in expenditures on training across local workforce areas and the reasons for the variation. The study included analysis of administrative data and interviews with a sample of states.
- Co-Director of a study for the Ticket to Work Advisory Panel on services to people with disabilities through the Workforce Investment Act.
- Director of a study for the Employment Policies Institute analyzing the relative advantages and disadvantages of using a living wage versus an earned income tax credit to assist low-income workers.
- Co-Director of a project for the Employment and Training Administration to analyze the implementation of the Workforce Investment Act in eight states. The project involved in-depth site visits to eight states and two local areas in each state. In addition to reports on each state in the study, the interim and final reports synthesize and integrate the findings.
- Researcher on a project for the Employment and Training Administration to analyze costs of services. The current reporting system for the Workforce Investment Act (WIA) does not permit ETA to obtain accurate estimates of costs per participants for people receiving different types of services. The project identified states that were able to determine unit costs and documented the approaches used by the states to estimate unit costs.
- Co-Director of a project for the Employment and Training Administration to assess the wage replacement performance standard for dislocated workers served by the Workforce Investment Act. The project included telephone and on-site interviews as well as statistical analysis of administrative data.
- Director of a project for the Employment and Training Administration co conduct case studies on competitively selected training programs funded with funds from H-1B visa applications. The study involved selection of nine promising projects for site visits to identify promising practices, and preparation of a report describing the programs.

- Director of a study for the Employment and Training Administration to prepare a review of recent research and evaluation to support the development of a strategic plan for the agency.
- Researcher on a project for the Employment and Training Administration on the role that faith-based organizations play in the delivery of employment and training services. The project involved case studies of four cities to explore the magnitude of the contribution of faith-based organizations and the roles that such organizations play.
- Director of project for the Abell Foundation, the Annie E. Casey Foundation, and the Open Society Institute–Baltimore to develop a comprehensive catalogue and description of all workforce development programs and vendors in the Baltimore area.
- Researcher on a project for the Employment and Training Administration to explore options for training programs, welfare programs, and unemployment insurance that would be useful during an economic downturn.
- Researcher on project for the Employment and Training Administration, U.S. Department of Labor to analyze the impacts of non-monetary eligibility requirements on unemployment insurance claimants and program performance.
- Co-Director of an evaluation for the U.S. Department of Labor of the JTPA Title III High-Wage Dislocated Worker Demonstration Project. This evaluation investigated the extent to which 10 projects met their goals of training dislocated workers for positions that paid at least 20% more than participants in dislocated workers typically earn. The evaluation is based on visits to participating sites and analyses of project documents and reports.
- Senior Economist on the process evaluation of the Welfare-to Work program for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services. Project involves site visits to sites across the country and preparation of reports on how the program is being implemented.
- Co-Principal Investigator of a study funded by the Employment and Training Administration of the effects of changing the mission of the U.S. employment service from serving employers to focusing on the economically disadvantaged and welfare recipients. The project included a literature review and interviews with current and former employment service employees.

- Researcher on project funded by the Employment and Training Administration to assess funding and accountability in conjunction with the use of One-Stop Career Centers in providing employment and training services.
- Co-Principal Investigator of a study for the Employment and Training Administration to evaluate the effectiveness of federal government assistance activities during the last round of military base closures and realignments. The project involved telephone screening interviews with five bases and nine on-site case studies.
- Senior Economist on a study for the Office of the Assistant Secretary for Policy in the U.S. Department of Labor to review the evidence on the amount and effectiveness of training in the private sector.
- Co-Principal Investigator of a study of the use of one-stop shopping initiatives in the employment and training field for the Employment and Training Administration. The study included a survey of training and education and training agencies in all states as well as a review of the literature.
- Co-Principal Investigator of analysis in support of welfare reform options based on previous Department of Labor experience for the Employment and Training Administration
- Co-Principal Investigator of an evaluation of administrative cost savings likely to result from various forms of consolidation of employment and training programs for the Employment and Training Administration.
- Principal Investigator of an analysis for the Employment and Training Administration of financial incentives that can be used to encourage employers to provide more training
- Director of two projects for the Employment and Training Administration on the development of voluntary, industry-based skill standards. The first project discussed civil rights issues likely to arise with the use of skill standards, and the second project analyzed the potential structure of the standards.
- Co-Principal Investigator of a project for the Employment and Training Administration to evaluate and provide technical assistance to the Job Training for the Homeless demonstration program. This project includes an evaluation of the effectiveness of the 21 demonstration sites and development of a best practices guide for distribution to other programs that may be interested in providing employment and training services to homeless individuals.

- Director of a project for the Department of Education to evaluate training and education conducted by the Xerox Corporation and assess the applicability to other firms.
- Director of a project for the I Have a Dream Foundation of New York to evaluate the impact of the program for disadvantaged youth on success in high school and college attendance.
- Principal Investigator of a project for the National Commission for Employment Policy to prepare a report and assist in organizing a conference on diversity in the labor force and the implications for employment and training programs.
- Subcontract Director of a project for the Employment and Training Administration to evaluate the impact of JTPA training programs on employment, earnings, and receipt of welfare through experimental and nonexperimental methods.
- Principal Investigator of a project with the National Commission for Employment Policy to analyze ways in which the performance management system of the Job Training Partnership Act (JTPA) can be used to encourage local service delivery areas to increase services to hardto-serve individuals.
- Principal Investigator of a project with the National Commission for Employment Policy to develop the design of an evaluation of the impact of performance standards under the Job Training Partnership Act on who is served, how they are served, and the costs of services.
- Principal Investigator of a project for the Employment and Training Administration to develop a simulation model to help the U.S. Department of Labor and individual states assess the solvency of state unemployment insurance trust funds.
- Subcontract Director of a project for the Employment and Training Administration to study coordination of JTPA programs with other human service programs.

# **RESEARCH PROJECTS** (continued)

#### **Labor Market Studies**

- Director of a study for the Sloan Foundation to study the causes, consequences, and cures of occupational labor shortages in the United States. Study looked at occupations including special education teachers, pharmacists, physical therapists, and homecare workers.
- Co-Principal Investigator of a study for the U.S. Department of Labor of skill mismatches and labor shortages. The study included a review of the causes and symptoms of occupational labor shortages, and focused on information technology occupations. The study reviewed the evidence on whether there was a shortage of IT workers and critically reviewed the literature claiming a severe IT worker shortage.
- Co-Principal Investigator of a study for the Employment and Training administration of workforce requirements in the Louisiana and Mississippi shipyard industries. This study was undertaken to assist the agency better understand the competing claims of unions and management about the labor market in the industry and whether training funds and/or foreign labor were required.
- Co-Principal Investigator of a study for the Employment and Training Administration on how people obtain information about the labor market and how they search for jobs. This project included a review of the literature and a series of focus groups with various groups in the labor force such as new entrants, dislocated workers, and economically disadvantaged unemployed individuals.
- Co-Principal Investigator of a study for the Employment and Training Administration of a study of employer-based training for economically disadvantaged workers. This study focuses on how employers make decisions about whether to hire and train economically disadvantaged individuals and their involvement with government training programs and community colleges.
- Principal Investigator of a project for the Employment and Training Administration to critically review the literature on whether there will be a skills shortage in the year 2000. Co-Principal Investigator of study for the Employment and Training Administration of the theory of occupational shortages and case studies of four occupations.

# **RESEARCH PROJECTS** (continued)

- Principal Investigator of a study for the Commonwealth Fund of the economic and noneconomic returns to higher education for blacks. The analysis included analysis of 18 years of longitudinal data from the National Longitudinal Study of the Class of 1972 and several other databases.
- Principal Investigator of a project with the National Commission for Employment Policy to assess the education, training, and work experience of the adult labor force.
- Principal Investigator of a project for the National Association of Counties to analyze the likelihood of labor force shortages in the next 10 years.
- Principal Investigator of a project with the National Commission for Employment Policy to organize and convene a seminar on the role of computers in the workplace.
- Senior Economist on a project for the Bureau of Labor Statistics to analyze the effects of structural change in the communications industry on the demand for labor through the year 2000.
- Senior Economist on a project for the Internal Revenue Service to analyze the projected supply and demand for accountants over the next 10 years.

# **Health Policies and Programs**

- Director of an impact evaluation of a demonstration to provide coaching to entrylevel health workers in hospitals for the Baltimore Workforce Funders Collaborative
- Director of a project for the Public Health Service to design an evaluation of the use and effectiveness of vaccine information pamphlets. The project included developing the sampling strategy, defining and designing the components of the evaluation, and developing and pretesting survey instruments.
- Senior economist on a project for the Public Health Service to design an evaluation of the Healthy Start project.
- Director of a project for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to determine the reasons why many preschool children do not receive immunizations on schedule.

# **RESEARCH PROJECTS** (continued)

- Director of a project for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to design an evaluation of the impact of changes in Medicare mental health benefits on the amount and patterns of utilization.
- Principal Investigator of a project for the New York State Department of Social Services to analyze the low-income labor market in New York and develop policy options for eliminating the shortage of home health care workers.
- Director of the Evaluation Design of a project for the Health Care Financing Administration to determine the impact of prior and concurrent authorization of Medicare services for home health care and skilled nursing facility care.

# Child Support, Fatherhood, Welfare, and Other Social Service Policies and Programs

- Consultant to the State of New Jersey for review of the state's child support guidelines.
- Consultant on project to develop child support guidelines for Maryland.
- Senior Economist on a project for the Administration for Children and Families to develop and test on an experimental basis promising strategies to help low-income families become self-sufficient.
- Co-Director of a project for the Office of the Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services to assess the performance measurement systems used for four HHS programs for the homeless and to see if it is feasible to develop a common set of performance measures for the programs.
- Senior Economist on a project for the Social Security Administration to design an evaluation of a demonstration to test work incentives for social security disability insurance recipients.
- Senior Economist on a project for the Office of Refugee Resettlement in the U.S Department of Health and Human Services to evaluate social service and training programs for refugees.
- Director of a project for the State of Colorado to develop statistical models of the state's welfare caseload.

- Director of a project for the State of Colorado to conduct interviews with employers to assess their experiences hiring and using welfare recipients as employees.
- Researcher on a project funded by the Administration on Children and Families, U.S. Department of Health and Human Services to provide technical assistance to demonstration programs funded to promote healthy marriages.
- Researcher on project for the Administration on Children and Families, U.S. Department of Health and Human Services to evaluate the Partner for Fragile Families (PFF) initiative. PFF programs provide services to young, unmarried fathers to help them improve their parenting skills, increase their child support, and improve their employment situation. The project included both a process and impact evaluation.
- Researcher on project for the Administration on Children and Families, U.S. Department of Health and Human Services to compare the use of administrative and judicial processes for setting child support orders.
- Director of project for the Human Resources Administration of New York City to analyze the effects of performance-based contracting for welfare contractors. The project involved a literature review and interviews with contractors, subcontractors, and government officials on the effects of New York City's use of performance-based contracting for employment services for welfare recipients.
- Researcher on a project for the Office of Child Support Enforcement, U.S. Department of Health and Human Services to develop and analyze adjustment procedures for child support enforcement performance outcome measures to take account of interstate differences in economic and demographic factors.
- Director of a project for the Hewlett Foundation to conduct a needs assessment and to develop implement management information systems for responsible fatherhood and male involvement programs in the San Francisco area. Six customized systems were developed, and technical assistance was provided to the sites for three additional years.
- Director of a project for the U.S. Department of Labor to consider welfare and employment and training policy adjustments likely to be needed in case of a recession. The project involves identifying how caseloads vary over the business cycle and how the activities and services needed are likely to vary over the cycle.

- Director of a project for the state of New Hampshire to evaluate the impact of welfare reform in New Hampshire on the welfare caseload in the state. The evaluation was conducted through development of statistical models of the caseload in New Hampshire to predict how large the caseload would have been in the absence of welfare reform.
- Co-Director of process evaluation of four economic development projects conducted by the University of Maryland Urban Studies Program in Baltimore and suburban Washington. The study involves interviews with faculty and students involved in the project as well as community activists in areas affected by the projects.
- Field researcher on project for the Rockefeller Institute of Government to analyze how the Medicaid program is implemented in Baltimore and the State of Maryland.
- Field researcher on project for the Rockefeller Institute of Government to analyze how the Temporary Assistance for Needy Families (TANF) program is implemented in Baltimore and the State of Maryland.
- Co-Director of Evaluation of an arts stabilization program in Baltimore. This project was conducted for National Arts Stabilization the purpose was to determine how effective an effort in Baltimore was in improving the financial status of four mid-sized arts organizations.
- Director of a project for the U.S. Department of Health and Human Services to determine the extent to which child support enforcement programs reduce costs of other federal transfer programs. The project included a synthesis of the literature and an annotated bibliography.
- Director of a project for the U.S. Department of Health and Human Services to develop a management information system for responsible fatherhood programs, install the program at eight demonstration sites, and provide technical assistance to interested parties.
- Co-Director of project for the U.S. Department of Health and Human Services to assist states in developing programs and experimental designs to test job retention and advancement strategies for former welfare recipients.

- Subcontract Director of a project for the Maryland Department of Human Resources to conduct a cost-benefit analysis of the state's Primary Prevention Initiative (PPI) to reduce welfare dependency among children of AFDC recipients by improving school attendance, childhood immunization, and well care. The cost-benefit analysis focused on determining the present values of the costs and benefits associated with the PPI requirements that welfare recipients maintain adequate school attendance for their children, have their children immunized at appropriate ages, and assure that annual physical examinations are given to all family members; participants who fail to meet these requirements have their welfare grants reduced until they comply.
- Director of evaluability assessment for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to document and develop an evaluation design for programs that help noncustodial fathers become more involved in their children's upbringing. The project included site visits to a highly promising program in Cleveland and four replication sites.
- Director of a project for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to review the literature and analyze existing data on the importance of involvement of parents in raising children. The project includes a comprehensive review of the literature, development of an annotated bibliography, and analysis of the Survey of Income and Program Participation (SIPP) data base.
- Principal Investigator of a process evaluation of Family Support Centers in Maryland to assess how the programs have been implemented, the clients that have been served, and to determine ways in which the programs can be improved. The study includes four rounds of site visits to four selected centers throughout the state and analysis of the management information system data for the sites.
- Principal Investigator of two projects for the New York State Department of Social Services to assess the adequacy of the New York State child support guidelines in covering the costs of raising children.
- Director of a project for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to design the baseline survey for an experiment to provide alternative rehabilitation strategies to disabled individuals in the Supplemental Security Income program and the Social Security Disability program.

- Principal Investigator of a project for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to analyze the need for paternity establishment.
- Principal Investigator of a project for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to prepare a congressionally mandated report on expenditures on children and the relationship to child support guidelines.
- Principal Investigator of a project for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to analyze state child support enforcement data to assess the feasibility of developing forecasting models.
- Principal Investigator of a project for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to prepare a Congressionally mandated report on the feasibility of requiring periodic review and updating of all child support awards.
- Principal Investigator of a project for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to review the literature and prepare an annotated bibliography on child support awards.
- Principal Investigator of a project for the Office of the Assistant Secretary for Planning and Evaluation of the U.S. Department of Health and Human Services to develop a model for forecasting the caseload of the Aid to Families with Dependent Children (AFDC) program in New Jersey.
- Principal Investigator of a project for the Office of the Assistant Secretary for Planning and Evaluation of the U.S. Department of Health and Human Services to organize and conduct a conference on research on welfare dependency.
- Principal Investigator of a project for the Office of the Assistant Secretary for Planning and Evaluation in the Department of Health and Human Services to analyze participation in the Supplemental Security Income (SSI) program.

# PUBLICATIONS AND PAPERS

"Lessons from the American Federal-State Unemployment Insurance System for a European Unemployment Benefits System" with Christopher J. O'Leary and Karolien Lenaerts. International Social Security Review, forthcoming.

## PUBLICATIONS AND PAPERS (continued)

"Contracting for Employment and Training Programs" with Shayne Spaulding. In Robert A. Shick and Lawrence L. Martin, editors. *Human Services Contracting: A Public Solutions Handbook*. New York: Routledge.

"Getting Performance from Performance Management" with Stuart Kasdin and Kathryn Newcomer. *International Journal of Public Administration*, Issue 15, 2018.

"A Comparison of Nurse Practitioners, Physician Assistants, and Primary Care Physicians' Patterns of Practice and Quality of Care in Health Centers" with Ellen T. Kurtzman. *Medical Care*, June 2017

"Does the Regulatory Environment Affect Nurse Practitioners' Patterns of Practice or Quality of Care in Health Centers?" with Ellen T. Kurtzman, Jean Johnson, Samuel J. Simmens, and Fitzhugh Mullan. *Health Services Research*, February 2017.

"Employment and Training Programs" with Jeffrey Smith. In *Means-Tested Transfer Programs in the United States*. Robert A. Moffitt, Editor. Chicago, IL. University of Chicago Press, 2016.

"Ethics and Program Evaluation" with Steven W. Mumford and Kathryn Newcomer. *Encyclopedia of Public Administration and Public Policy*. Washington, DC, 2015.

"Effective Services for Improving Education and Employment Outcomes for Children and Alumni of Foster Care Service: Correlates and Education and Employment Outcomes" with Amy Buck, Kirk O'Brien, Peter Pecora, Mei Ling Ellis, and Eric Steiner. *Child and Family Social Work*, May 2015.

"Do Estimated Impacts on Earnings Depend on the Source of the Data Used to Measure Them? Evidence from Previous Social Experiments" with David Greenberg. *Evaluation Review*, April 2015.

"The Value of Efficiency Measures: Lessons from Workforce Development Programs" with John Trutko. *Public Performance and Management Review*, March 2015.

"Employer Involvement in Workforce Programs: What Do We Know?" with Shayne Spaulding. In *Transforming U.S. Workforce Development Policies for the Twenty-First Century*. Carl Van Horn, editor. Kalamazoo, MI: Upjohn Institute for Employment Research, 2015.

"Flaws in Evaluations of Social Programs: Illustrations from Randomized Controlled Trials" with David Greenberg. *Evaluation Review*, October 2014.

## PUBLICATIONS AND PAPERS (continued)

"Occupational Labor Shortages: Underlying Concepts and Their Role in U.S. Migration Policy" in OECD/European Union, Matching Economic Migration with Labour Market Needs. Paris: OECD Publishing, 2014,

"Background, Purpose and Methodology" in *The American Recovery and Reinvestment Act: The Role of Workforce Programs.* Burt S. Barnow and Richard A. Hobbie, editors. Kalamazoo, MI: Upjohn Institute for Employment Research, 2013.

"State Approaches to the Recovery Act's Workforce Development Provisions" in *The American Recovery and Reinvestment Act: The Role of Workforce Programs*. Burt S. Barnow and Richard A. Hobbie, editors. Kalamazoo, MI: Upjohn Institute for Employment Research, 2013.

"Workforce Investment Act (WIA) Adult and Dislocated Worker Programs" with John Trutko in *The American Recovery and Reinvestment Act: The Role of Workforce Programs*. Burt S. Barnow and Richard A. Hobbie, editors. Kalamazoo, MI: Upjohn Institute for Employment Research, 2013.

"Challenges and Accomplishments: States' Views" with John Trutko in *The American Recovery and Reinvestment Act: The Role of Workforce Programs*. Burt S. Barnow and Richard A. Hobbie, editors. Kalamazoo, MI: Upjohn Institute for Employment Research, 2013.

"Replication Issues in Social Experiments: Lessons from US Labor Market Programs" with David Greenberg. *Journal for Labour Market Research*, September 2013.

*Occupational Labor Shortages: Concepts, Causes, Consequences, and Cures.* Kalamazoo: Upjohn Institute for Employment Research. With John Trutko and Jaclyn Schede Piatak, 2013.

"Setting Up Social Experiments: The Good, the Bad, and the Ugly." *Journal for Labour Market Research*, 2011.

"The Role of Performance Management in Workforce Investment Programs" in *The Workforce Investment Act: Implementation Experiences and Evaluation Findings*. Douglas Besharov and Phoebe Cottingham, editors. Kalamazoo, MI: Upjohn Institute for Employment Research, 2011.

"The use of Market Mechanisms in U.S. Workforce Programs: Lessons for WIA Reauthorization and the European Social Fund" with Christopher T. King in *The Workforce Investment Act: Implementation Experiences and Evaluation Findings*. Douglas Besharov and Phoebe Cottingham, editors. Kalamazoo, MI: Upjohn Institute for Employment Research, 2011.

"Implementing Efficiency Measures for Employment and Training Programs Final Report." With John Trutko. Washington, DC: U.S. Department of Labor, Employment and Training Administration, Occasional Paper 2010-05, 2010.

## PUBLICATIONS AND PAPERS (continued)

"One Standard Fits All? The Pros and Cons of Performance Standard Adjustments." With Carolyn Heinrich. *Public Administration Review*, January/February 2010.

"Vouchers in U.S. Vocational Training Programs: An Overview of What We have Learned." *Journal for Labour Market Research*, March 2009.

"What We Know About the Impacts of Workforce Investment Programs" with Jeffrey Smith in *Strategies for Improving Economic Mobility of Workers*, Maude Toussaint-Comeau, editor. Kalamazoo, MI: Upjohn Institute for Employment Research, 2009.

"The Employment Rate of People with Disabilities." Monthly Labor Review, November 2008.

"Close to Home: A Simultaneous Equations Model of the Relationship Between Child Care Accessibility and Female Labor Force Participation" with Christopher M. Herbst. *Journal of Family and Economic Issues*, March 2008.

"Occupations and Skills in the U.S.: Projection Methods and Results" in *Systems, Institutional Frameworks, and Processes for Early Identification of Skill Needs*, Olga Strietska-Hina and Manfred Tessaring, Editors. Luxembourg: Office for Official Publications of the European Communities, 2007.

"An Overview of U.S. Workforce Development Policy in 2005" with Demetra Smith Nightingale in *Reshaping the American Workforce in a Changing Economy*. Harry J. Holzer and Demetra Smith Nightingale, Editors. Washington, DC: The Urban Institute Press, 2007.

"Placing Welfare Applicants and Recipients in Jobs through Performance-Based Contracting" with John Trutko in *Managing Welfare Reform n New York City*, E. S. Savas, Editor. New York, New York: Rowman & Littlefield, 2005.

*The Workforce Investment Act in Eight States*\_with Christopher T. King. Washington, DC: U.S. Department of Labor, Employment and Training Administration, 2005. Occasional Paper Series 2005-001.

"Performance Management of U.S. Job Training Programs: Lessons from the Job Training Partnership Act." With Jeffrey Smith. *Public Finance and Management*, Vol. 4, No.3, 2004.

"Performance Management of U.S. Job Training Programs" with Jeffrey A. Smith in *Job Training Policy in the United States*, Christopher J. O'Leary, Robert A. Straits, and Stephen A. Wandner, Editors. Kalamazoo, Michigan: Upjohn Institute for Employment Research, 2004.

## PUBLICATIONS AND PAPERS (continued)

"Workforce Development in the United States: Key Legislative Initiatives and the Roles of the Private and Nonprofit Sectors" with Stefan Toepler in *Strategy Mix for Nonprofit Organisations*, Annette Zimer and Christina Steckler Editors. New York City, NY:\_Kluwer Academic/Plenum Publishers, 161-180, 2004.

"Florida Case Study" with Amy McDonald Buck in *The Workforce Investment Act in Eight States: State Case Studies from a Field Network Evaluation*, Volume Two. Washington, DC: U.S. Department of Labor, Employment and Training Administration, 2004. Occasional Paper Series 2004-003.

"Maryland Case Study" with Amy McDonald Buck in *The Workforce Investment Act in Eight States: State Case Studies from a Field Network Evaluation*, Volume One. Washington, DC: U.S. Department of Labor, Employment and Training Administration, 2004. Occasional Paper Series 2004-002.

"An Overview of United States Employment and Training Programs and Their Effectiveness." In U.S. Department of Labor Bureau of International Affairs. *Meeting the Needs of Business and Workers in the 21<sup>st</sup> Century: Proceedings of a Joint United States and European Union Seminar*. Washington, DC: U.S. Department of Labor, Bureau of International Affairs, February 2004, pp. 1-49.

*Exemplary Practices in High-Skill-U.S. Department of Labor H-1B Training Programs*\_with Joyce Kaiser and John Trutko. Washington, DC: U.S. Department of Labor, Employment and Training Administration, 2003. Occasional Paper Series 2003-007.

"What Does the Evidence from Employment and Training Programs Reveal about the Likely Effects of Ticket to Work on Service Provider Behavior?" with Jeffrey Smith in Kalman Rupp and Stephen Bell editors. *Paying for Results in Vocational Rehabilitation*, Washington, DC: Urban Institute Press, 177-208, 2003.

"Employment and Training Services Provided by Faith-Based Organizations: An Exploratory Study and Issues for Consideration in the Use of Public Funds" with Fredrica D. Kramer, Demetra Smith Nightingale, John Trutko, and Shayne Spaulding in *A Compilation of Selected Papers from the Employment and Training Administration's 2003 Biennial National Research Conference*, Joshua Riley, Aquila Branch, Stephen Wandner, and Wayne Gordon editors. Washington, DC: U.S. Department of Labor, Employment and Training Administration, 2003, pp. 208-243. Occasional Paper Series 2003-006.

## PUBLICATIONS AND PAPERS (continued)

"The Role of One-Stop Career Centers in Serving Welfare Recipients in 2002" with Demetra Smith Nightingale, Fredrica D. Kramer, and Michael Egner in *A Compilation of Selected Papers from the Employment and Training Administration's 2003 Biennial National Research Conference*, Joshua Riley, Aquila Branch, Stephen Wandner, and Wayne Gordon editors. Washington, DC: U.S. Department of Labor, Employment and Training Administration, 2003, pp. 330-418. Occasional Paper Series 2003-006.

*The Workforce Investment Act in Eight States: Overview of Findings from a Field Network Study* with Christopher T. King. Washington, DC: U.S. Department of Labor, Employment and Training Administration, 2003. Occasional Paper Series 2003-003.

Unemployment Insurance Non-Monetary policies and Practices: How Do They Affect Program Participation? A Study of 8 States with Michael E. Fishman, Mary Farrell, Karen N. Gardiner, and John Trutko. Washington, DC: U.S. Department of Labor, Employment and Training Administration, 2003. Occasional Paper Series 2003-001.

"Occupations and Skills in the United States: Projection Methods and Results through 2008." In Michael Neugart and Klaus Schomann editors. *Forecasting Labour Markets in OECD Countries: Measuring and Tracking Mismatches*. Edward Elgar Publishing: Chelenham, United Kingdom, 2002.

"Review of Recent Pilot, Demonstration, Research, and Evaluation Initiatives to Assist in the Implementation of Programs under the Workforce Investment Act" with Daniel B. Gubits. Washington, DC: U.S. Department of Labor, Employment and Training Administration, 2002. Occasional Paper Series 2003-10.

"Is the New Obsession with 'Performance Management' Masking the Truth About Social Programs?" with Ann B. Blalock in *Quicker, Better Cheaper? Managing Performance in American Government*, Dall Forsythe Editor. Albany, NY: Rockefeller Institute Press, 2001.

*Workforce Development in Baltimore: Catalogue of Funding Stream Programs.* Baltimore, with Michael Bell, Shayne Spaulding, and Jason Shultz. Baltimore, MD: Johns Hopkins Institute for Policy Studies 2001.

"The Role of One-Stop Career Centers in Serving Welfare Recipients in 2002" with Demetra Smith Nightingale, Fredrica D. Kramer, and Michael Egner in *A Compilation of Selected Papers from the Employment and Training Administration's 2003 Biennial National Research Conference*, Joshua Riley, Aquila Branch, Stephen Wandner, and Wayne Gordon editors. Washington, DC: U.S. Department of Labor, Employment and Training Administration, 2003, pp. 330-418. Occasional Paper Series 2003-006.

## PUBLICATIONS AND PAPERS (continued)

"Evaluation–A Management Tool for Enhancing Performance of Arts Organizations and Arts Stabilization/Capacity Building Programs" with Marta Elisa Moret and John W. Trutko. *National Arts Stabilization Journal*, Fall 2000.

"Exploring the Relationship Between Performance Management and Program Impact: A Case Study of the Job Training Partnership Act." *Journal of Policy Analysis and Management*, Winter 2000.

"Vouchers for Federal Targeted Training Program" in Eugene Steurele, Van Doorn Ooms, George Peterson, and Robert Reischauer Editors. *Vouchers and Related Delivery Mechanisms: Consumer Choice in the Provision of Public Services*. Washington, DC: Brookings Institution Press, 2000.

"Job Creation for Low-Wage Workers: An Assessment of Public Service Jobs, Tax Credits, and Empowerment Zones" in *The Low-Wage Labor Market: Challenges and Opportunities for Self-Sufficiency*. Kelleen Kaye and Demetra Nightingale, Editors. Washington, DC: Urban Institute Press, 2000.

"Introduction" with Thomas Kaplan and Robert Moffitt in Burt S. Barnow, Thomas Kaplan, and Robert Moffitt, editors *Evaluating Comprehensive State Welfare Reform: The Wisconsin Works Program*, Albany, NY: Rockefeller Institute Press, 2000.

"Publicly Funded Training in a Changing Labor Market" with Christopher T. King, in *Improving the Odds: Publicly Funded Training in a Changing Labor Market*, Burt S. Barnow and Christopher T. King, editors. Washington, DC: Urban Institute Press, 2000.

"Customized Training for Employers: Training People for Jobs That Exist and Employers Who Want to Hire Them" with Kellie Isbell and John Trutko, in *Improving the Odds: Publicly Funded Training in a Changing Labor Market*, Burt S. Barnow and Christopher T. King, editors. Washington, DC: Urban Institute Press, 2000.

"Strategies for Improving the Odds" with Christopher T. King, in *Improving the Odds: Publicly Funded Training in a Changing Labor Market*, Burt S. Barnow and Christopher T. King, editors. Washington, DC: Urban Institute Press, 2000.

*Baltimore Area Jobs and Low-Skill Job Seekers: Assessing the Gaps.*" With Michael Bell, David Stevens, and Richard Clinch. Baltimore, MD: Job Opportunities Task Force, March 2000.

## PUBLICATIONS AND PAPERS (continued)

"The Baby and the Bath Water: Lessons for the Next Employment and Training Program" with Christopher T. King, in *Of Heart and Mind: Social Essays in Honor of Sar Levitan*, Garth Mangum and Stephen Mangum Editors. Kalamazoo, Michigan: Upjohn Institute for Employment Research, 1997.

"Designs for evaluating Devolution" with Robert Moffitt. Focus, Spring 1997.

"The Economics of Occupational Labor Shortages." William Crown editor. *Handbook on Employment and the Elderly*. Westport, Connecticut: Greenwood Publishing Group, 1996.

"Policies for People with Disabilities in U.S. Employment and Training Programs," in *Disabilities, Cash Benefits, and Work*, Jerry L. Mashaw, Virginia Reno, Richard Burkhauser, and Monroe Berkowitz Editors. Kalamazoo, Michigan: Upjohn Institute for Employment Research, 1996.

Employment and Training for America's Homeless: Report on the Job Training for the Homeless Demonstration Program Report to Congress, with John W. Trutko, Susan Kessler Beck, and Frances R. Rothstein. Washington, D.C.: U.S. Department of Labor, Employment and Training Administration, 1994.

"Economic Studies of Expenditures on Children and Their Relationship to Child Support Guidelines." In *Child Support Guidelines: the Next Generation*, Margaret Campbell Haynes editor. Washington, D.C.: Office of Child Support Enforcement, U.S. Department of Health and Human Services, 1994.

"The Adequacy of Child Support Guidelines." Marilyn L. Ray, Chris Nemeth, Joyce Robinson, and Susan Vroman authors of other chapters. *The New York State Child Support Standards Act Evaluation Project Report 1993*. Albany, New York: University at Albany, State University of New York, 1994.

"Thirty Years of Changing Federal, State, and Local Relationships in Employment and Training Programs." *Publius: The Journal of Federalism*, Summer 1993.

"Expenditures on Children and Child Support Guidelines" with Laurie J. Bassi. *Journal of Policy Analysis and Management*, Summer 1993.

*Labor Shortage Case Studies*, with John Trutko, Amy B. Chasanov, and Abhay Pande. Washington, D.C.: U.S. Department of Labor, Employment and Training Administration Research and Evaluation Report Series 93-E, 1993.

## PUBLICATIONS AND PAPERS (continued)

"Firm-Based Education and Training of Workers: A Case Study of the Xerox Corporation" with Amy Chasanov. In *Military Cutbacks and the Expanding Role of Education*, Nevzer Stacey editor. Washington, D.C.: U.S. Department of Education, 1992.

"Demonstration Evaluations and Cost Neutrality: Using Caseload Models to Determine the Federal Cost Neutrality of New Jersey's REACH Demonstration" with Steven Garasky. *Journal of Policy Analysis and Management*, Fall 1992.

"The Effects of Performance Standards on State and Local Programs: Lessons for the Job Opportunities and Basic Skills Program." Charles Manski and Irwin Garfinkel editors. *Evaluating Welfare and Training Programs*. Cambridge, Massachusetts: Harvard University Press, 1992.

"A Changing Nation--Its Changing Labor Force" with Everett Crawford and Carol J.Romero. National Commission for Employment Policy Research Report No. 91-04, November 1991.

"Government Training as a Means of Reducing Unemployment." D. Lee Bawden and Felicity Skidmore editors. *Rethinking Employment Policy*. Washington, D.C.: The Urban Institute Press, 1989.

"Survey of Government-Provided Training Programs" with Laudan Y. Aron. in Commission on Workforce Quality and Labor Market Efficiency. *Investing in People: A Strategy to Address America's Workforce Crisis* Background Papers, Vol. I. Washington, D.C.: U.S. Department of Labor, 1989.

"Performance Management and Services to Hard-to-Serve Individuals in JTPA: The Issues Involved and Some Suggested Approaches." With Jill Constantine. National Commission for Employment Policy Research Report, 1989.

"Developing Models to Predict State AFDC Caseloads: A Guide for States." Report prepared for the Office of the Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services. March 1988.

"The Uses and Limits of Social Experiments." *The Proceedings of the Industrial Relations Research Association*. 1987.

"The Impact of CETA Programs on Earnings: A Review of the Literature." *The Journal of Human Resources*. Spring 1987.

*An Analysis of UI Trust Fund Adequacy* (1987). With Wayne Vroman, Washington, DC: U.S. Department of Labor, Employment and Training Administration, Unemployment Insurance Service Occasional Paper 87-1.

# PUBLICATIONS AND PAPERS (continued)

"Evaluating Employment and Training Programs." *Evaluation and Program Planning*. Spring 1985.

"The Education, Training, and Work Experience of the Adult Labor Force from 1984 to 1995." National Commission for Employment Policy Research Report Series. April 1985.

"Five Guidelines for Evaluation." In *The Dislocated Worker*, William H. Kolberg, Editor. Cabin John, Md.: Seven Locks Press, 1983.

"Issues in the Analysis of Selection Bias," with Glen G. Cain and Arthur S. Goldberger. <u>In</u> *Evaluation Studies Review Annual*, Vol. 5, Ernst W. Stromsdorfer and George Farkas, Editors. Beverly Hills: Sage Publications, 1980.

"The Costs of Defined Benefit Pension Plans and Firm Adjustments," with Ronald G. Ehrenberg. *Quarterly Journal of Economics*, November 1979.

"Concepts and Measures of Structural Unemployment," with Robert Lerman and Philip Moss. Chapter 2 in *Increasing Job Opportunities in the Private Sector*. National Commission for Manpower Policy Special Report No. 29, 1979.

"Evaluating Funding Formulas," with Robert Coltrane and Christopher King. Chapter 5 in *CETA: An Analysis of the Issues*. National Commission for Manpower Policy Special Report No. 23, 1978.

Theoretical Issues in the Estimation of Production Functions in Manpower Programs." *Research in Labor Economics* Supplement 1, 1979. Farrell Bloch, Ed.

"Measuring Costs of Manpower Training Programs," In *Perspectives on the Costs and Benefits of Applied Social Research*, Clark Abt, editor. Cambridge, Massachusetts: The Council for Applied Social Research, 1979.

"A Reanalysis of the Effect of Head Start on Cognitive Development: Methodology and Empirical Findings," with Glen G. Cain. *The Journal of Human Resources*, Spring 1977. Reprinted in Howard E. Freeman, ed. *Policy Studies Review Annual*, Vol. 2. Beverly Hills: Sage Publications, 1978.

"The Use of Proxy Variables When One or Two Independent Variables Are Measured with Error." *American Statistician*, August 1976.

## PUBLICATIONS AND PAPERS (continued)

#### **Book Reviews and Comments**

"The Ethics of Federal Social Program Evaluation: A Response to Jan Blustein." *Journal of Policy Analysis and Management.*, 2004, Vol. 25, No. 4, pp. 846-847.

B.M. Deakin. *The Youth Labour Market in Britain: The Role of Intervention*. Cambridge, England: Cambridge University Press. Review appears *Industrial and Labor Relations Review*. 1997.

Sar A. Levitan and Frank Gallo. *A Second Chance: Training for Jobs*. Kalamazoo, Michigan: The Upjohn Institute for Employment Research, 1988. Review appears in *Industrial and Labor Relations Review*, October 1989.

Comment on "The Economic Impact of the Downriver Community Conference Economic Readjustment Activity Program: Choosing Between Retraining and Job Search Placement Strategies," by D. Alton Smith, Jane Kulik, and Ernst W. Stromsdorfer. in Kevin Hollenbeck, Frank C. Pratzner, and Howard Rosen editors. *Displaced Workers: Implications for Educational and Training Institutions*. Columbus, Ohio: The National Center for Research in Vocational Education, 1984.

Andrew McIntosh, ed. *Employment Policy in the United Kingdom and the United States: A Comparison of Efficiency and Equity.* Cambridge, Mass.: Abt Books, 1980. Review appears in *Industrial and Labor Relations Review*, July 1983.

Comment on "Occupational and Educational Expectations and Realizations of Young Men," by Zvi Griliches. *Research in Labor Economics*, 1982.

Comment on "Teenage Unemployment: Permanent Scar or Temporary Blemish," by David Ellwood. *National Bureau of Economic Research Conference on Youth Unemployment*, Richard B. Freeman and David Wise editors. Chicago: University of Chicago Press, 1982.

Alice M. Rivlin and P. Michael Timpane, eds. *Planned Variation in Education: Should We Give Up or Try Harder?* Washington, D.C.: The Brookings Institution, 1975. Review appears in *The Journal of Human Resources*, Summer 1976.

Julian C. Stanley, ed. *Preschool Programs for the Disadvantaged*. Baltimore: The Johns Hopkins Institution, 1975. Review appears in *The Journal of Human Resources*, Fall 1973.