

## **CURRICULUM VITAE**

October 2009

Robert M. Costrell  
Professor of Education Reform and Economics  
Endowed Chair in Education Accountability  
201 Graduate Education Building  
Department of Education Reform  
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### **PERSONAL DATA**

Born April 10, 1950, Washington, D.C.; U.S. Citizen  
Married, two children

### **EDUCATION**

University of Michigan, 1968-72: B.A. in Economics, High Distinction, Magna Cum Laude  
Phi Beta Kappa, Sims Senior Honors Scholarship in Economics

Harvard University, 1972-78: Ph.D. in Economics

Dissertation: "Unemployment, Distribution, and Capacity Utilization on Equilibrium Paths"  
Dissertation Chair: Professor Kenneth Arrow

### **PRIOR GOVERNMENT POSITIONS**

Education Advisor to Governor Mitt Romney (2005 – 2006)  
Executive Office for Administration and Finance, Commonwealth of Massachusetts:  
Chief Economist, Commonwealth of Massachusetts (2003 – 2006)  
Director of Research and Development (1999 - 2002).

### **PRIOR ACADEMIC APPOINTMENTS**

University of Massachusetts at Amherst, Department of Economics: Professor (1992 – 2006)  
Associate Professor (1985 - 1992); Assistant Professor (1978 - 1985); Lecturer (1978).

Boston University, Department of Economics: Visiting Scholar (1993 - 1994)

Brandeis University, Department of Economics: Adjunct Associate Professor (1986).

University of Toronto, Faculty of Management Studies:

Visiting Assistant Professor of Economics and Finance (1982 - 1984).

**BOARDS, PANELS, GRANTS, AWARDS**

"Significant Research Award," University of Arkansas, College of Education and Health Professions, 2008-09.

National Technical Advisory Council, U.S. Dept. of Education (Secretarial appointee) (2008-09)

"Analysis of Educator Retirement Benefit Systems in Chicago, Illinois, and Indiana," co-PI, with Michael Podgursky, \$295,000. Joyce Foundation. May 1, 2009 - October 31, 2010.

"Teacher Retirement Benefit Systems and K-12 Education," co-PI, with Michael Podgursky, \$250,000. Smith Richardson Foundation. March 1, 2008-September 30, 2010.

"Who's Who in America, 2006, 2007, 2008, 2009"

Senior Research Associate, School Choice Demonstration Project, University of Arkansas.

Senior Editor, Educational Working Paper Archives (University of Arkansas)

Massachusetts School Building Authority (designee of the Secretary of Administration and Finance) (2005-06).

Commissioner (Gubernatorial designee to serve for Secretary of Administration and Finance), Massachusetts Public Employee Retirement Administration Commission (2001-03).

Advisory Council on Education Stat's, U.S. Dept. of Education (Secretarial appointee) (2001-02).

Steering Committee, NAEP Economics Framework and Specifications (2001-02).

Teaching Faculty, Lincoln Institute for Land Policy, Spring 2002, 2006.

Board of Advisors, MassInsight Building Blocks Program (2001-06).

Templeton Foundation Freedom Project (with Jeffrey Sedgwick). For John Templeton Seminar & Lectures on Freedom and Education, University of Massachusetts at Amherst (2000).

Judge, Better Government Competition, Pioneer Institute (1999).

Christian Herter Teaching Award for Service to the University, UMass Republican Club (1999).

Board of Academic Advisors, Pioneer Institute, MA (1999-2006).

Board of Academic Advisors, Thomas B. Fordham Foundation (1998-99).

**BOARDS, PANELS, GRANTS, AWARDS** (continued)

Gubernatorial Appointee to Massachusetts Taxation Alternatives Commission. (1997-98).

Committee to Review National Standards, a project of the American Enterprise Institute, (1994).

**PUBLISHED PAPERS IN REFEREED JOURNALS**

(with Michael Podgursky), "Golden Handcuffs: Teachers who change jobs or move pay a high price," forthcoming, **Education Next**.

(with Michael Podgursky), "Peaks, Cliffs and Valleys: The Peculiar Incentives in Teacher Retirement Systems and their Consequences for School Staffing," **Education Finance and Policy**, Spring 2009 (Vol. 4, No. 2), 175-211.

(with Michael Podgursky), "Teacher Retirement Benefits," **Education Next**, Spring 2009 (vol. 9, no. 2), pp. 58-63 (refereed research section).

[http://media.hoover.org/documents/ednext\\_20092\\_58.pdf](http://media.hoover.org/documents/ednext_20092_58.pdf)

[http://media.hoover.org/documents/ednext\\_20092\\_58\\_unabridged.pdf](http://media.hoover.org/documents/ednext_20092_58_unabridged.pdf)

"Who Gains, Who Loses? The fiscal impact of the Milwaukee Parental Choice Program," **Education Next**, Winter 2009 (vol. 9, no. 1), pp. 62-69 (refereed research section).

[http://media.hoover.org/documents/ednext\\_20091\\_62.pdf](http://media.hoover.org/documents/ednext_20091_62.pdf)

(with Glenn C. Loury), "Distribution of Ability and Earnings in a Hierarchical Job Assignment Model," **Journal of Political Economy**, 118 (December 2004), 1322-1363.

"Can Centralized Educational Standards Raise Welfare?" **Journal of Public Economics**, 65 (September 1997), 271-293.

"A Simple Model of Educational Standards," **American Economic Review**, 84 (September 1994), 956-971.

"Accounting for the Causes and Consequences of Industrial Employment Shift," **Industrial Relations**, 33 (July 1994), 346-364.

"An Economic Analysis of College Admission Standards," **Education Economics**, 1 (No. 3, 1993), 227-241.

"Immiserizing Growth with Semi-Public Goods Under Consistent Conjectures," **Journal of Public Economics**, 45 (August 1991), 383-389.

"Second-Best Subsidies in Monopolistic Competition," **Economics Letters**, 34 (November 1990), 205-209.

"Consistent Conjectures in Monopolistic Competition," **International Journal of Industrial Organization**, 8 (April 1990), 153-160.

"Methodology in the 'Job Quality' Debate," **Industrial Relations**, 29 (Winter 1990), 94-110.

**PUBLISHED PAPERS IN REFEREED JOURNALS** (continued)

with Myron J. Gordon, "Keynesian Models of the Short Run and the Steady State," **Zeitschrift für Nationalökonomie** (Journal of Economics) 48 (1988), 355-373.

"Interest, Profits, and Suboptimality in a Demand-Constrained Macro Model," **Economic Journal** 96 (December 1986), 919-941.

with G. DuGuay and G. Treyz, "Labour Substitution and Complementarity Among Age-Sex Groups," **Applied Economics** 18 (July 1986), 777-791.

"Equilibrium and Optimality in a Mean-Variance Model," **Rand Journal of Economics** 17 (Spring 1986), 122-132.

"Equilibrium Unemployment and Excess Capacity in Steady State and Growth Cycles," **Economica** 51 (February 1984), 69-82.

"Profitability and Aggregate Investment Under Demand Uncertainty," **Economic Journal** 93 (March 1983), 166-181.

"Overhead Labor and the Cyclical Behavior of Productivity and Real Wages," **Journal of Post-Keynesian Economics** 4 (Winter 1981-82), 277-290.

"Stability of Zero Production Under Life-Cycle Savings," **Review of Economic Studies** 48 (October 1981), 661-665.

### **OTHER PUBLICATIONS AND REPORTS**

with Michael Podgursky, "Making Mountains out of Molehills? Let the Reader Decide." A reply to EPI, October 1, 2009, <http://educationnext.org/making-mountains-out-of-molehills-let-the-reader-decide/>

with Richard W. Johnson and Michael Podgursky, "Modernizing Teacher Retirement Benefit Systems," in *Creating a New Teaching Profession*, edited by Dan Goldhaber and Jane Hannaway, Urban Institute Press, Chapter 10, forthcoming.

with Janet S. Hansen and Michael J. Podgursky, "Teacher Retirement Systems: Research Findings," National Center on Performance Incentives, Research Brief, July 2009. [http://www.performanceincentives.org/conference/Final\\_ResearchBriefNCPPIlayoutJuly20.pdf](http://www.performanceincentives.org/conference/Final_ResearchBriefNCPPIlayoutJuly20.pdf)

"The Fiscal Impact of the Milwaukee Parental Choice Program: 2009 Update," School Choice Demonstration Project Milwaukee Evaluation Report #7, March 2009. [http://www.uark.edu/ua/der/SCDP/Milwaukee\\_Eval/Report\\_7.pdf](http://www.uark.edu/ua/der/SCDP/Milwaukee_Eval/Report_7.pdf)

with Eric Hanushek and Susanna Loeb, "What Do Cost Functions Tell Us About the Cost of an Adequate Education?" **Peabody Journal of Education** April 2008 (vol. 83, no. 2), 198-223.

"The Fiscal Impact of the Milwaukee Parental Choice Program in Milwaukee and Wisconsin, 1993-2008," School Choice Demonstration Project Milwaukee Evaluation Report #2, February 2008. [http://www.uark.edu/ua/der/SCDP/Milwaukee\\_Eval/Report\\_2.pdf](http://www.uark.edu/ua/der/SCDP/Milwaukee_Eval/Report_2.pdf)  
Education Working Paper Archives (refereed), April 2008. [http://www.uark.edu/ua/der/EWPA/Research/School\\_Finance/1804.html](http://www.uark.edu/ua/der/EWPA/Research/School_Finance/1804.html)

with Michael Podgursky, "Peaks, Cliffs, and Valleys: The Peculiar Incentives of Teacher Pensions," **Education Next**, Winter 2008 (vol. 8, no. 1), 22-28. [http://media.hoover.org/documents/ednext\\_20081\\_22.pdf](http://media.hoover.org/documents/ednext_20081_22.pdf)  
[http://media.hoover.org/documents/ednext\\_20081\\_Costrell-Podgursky\\_unabridged.pdf](http://media.hoover.org/documents/ednext_20081_Costrell-Podgursky_unabridged.pdf)

with Michael Podgursky, "Golden Peaks and Perilous Cliffs: Rethinking Ohio's Teacher Pension System," Thomas B. Fordham Institute, June 2007. [http://edexcellence.net/doc/060707\\_Pensions\\_Report.pdf](http://edexcellence.net/doc/060707_Pensions_Report.pdf)

"The Winning Defense in Massachusetts," refereed chapter in **School Money Trials: The Legal Pursuit of Educational Adequacy**, Martin R. West and Paul E. Peterson (eds.), Brookings Institution Press, 2007, pp. 278-304.

**OTHER PUBLICATIONS AND REPORTS (continued)**

with Michael Podgursky, unpublished report for U.S. Department of Education, National Center for Education Statistics, "Teacher Pensions and Retiree Health Insurance: A Review of Available Data and Potential Data Collection." December 2006.

"Governor Romney's Differentiated Pay Proposals," Rennie Center E-Forum, [www.renniecenter.org/february-e-forum-web.html](http://www.renniecenter.org/february-e-forum-web.html), February 2006.

"Equity v. Equity: Why *Education Week* and Education Trust Don't Agree," **Education Next** 5 (Summer 2005), 77-81.

"*Hancock v. Massachusetts*: 'A Steady Trajectory of Progress,'" **Education Next** 5 (Summer 2005), 28.

Comment on "Test-Based Accountability: The Promise & the Perils," by Tom Loveless, in **Brookings Papers on Education Policy 2005**, Diane Ravitch (editor), Brookings Institution, Washington, D.C., 27-37.

"Wrong Answer on School Finances," **CommonWealth**, Fall 2004, 79-87.

"School performance isn't just about spending," **Boston Globe**, October 4, 2004.

(with James Peyser), "No Money Left Behind: Exploring the Costs of Accountability," **Education Next** 4 (Spring 2004), 22-29.

(with Kenneth Ardon), "Reform and Rationalization of Local School Aid: A Synthesis of the Best Ideas," Massachusetts Executive Office for Administration and Finance, Policy Brief No.11, May 2002.

(with Julian R. Betts), "Incentives and Equity Under Standards-Based Reform," in **Brookings Papers on Education Policy 2001**, Diane Ravitch (editor), Brookings Institution, Washington, D.C., pp. 9-55, 66-73.

(with Kenneth Ardon), "Reforming Local Aid for Phase Two of Massachusetts Education Reform," Massachusetts Executive Office for Administration and Finance, Policy Report No. 7, April 2001.

(with Kenneth Ardon), "MCAS and the Rise of Literacy Skills in the Early Grades, 1998-99," Massachusetts Exec Office for Administration and Finance, Policy Report No. 6, Oct. 2000.

"Discipline-Based Economics Standards: Opportunity and Obstacles," in **What's At Stake in the K-12 Standards Wars: A Primer for Educational Policy-Makers**, Sandra Stotsky (editor), 2000, Peter Lang Publishers, New York, pp. 169-209.

**OTHER PUBLICATIONS AND REPORTS (continued)**

Contributor to **Remediation in Higher Education: A Symposium**, Fordham Report Vol. 2, No. 9, July 1998, Thomas B. Fordham Foundation, pp. 23-40.

"The Property Tax, Choice, and Accountability in Massachusetts K-12 Education: A Minority Report of the Taxation Alternatives Commission," Massachusetts State House, June 1998.

"Industrial Employment Shift and Wage Growth: Massachusetts and the U.S., 1969-87," **New England Economic Indicators**, Federal Reserve Bank of Boston, Third Quarter 1989, pp. iv-xiii.

"The Effect of Technical Progress on Productivity, Wages, and the Distribution of Employment," A Report to the National Academy of Sciences' Panel on Technology and Employment, in Richard M. Cyert and David C. Mowery (eds.), **The Impact of Technological Change on Employment and Growth**, Ballinger, Cambridge, MA, 1988, pp. 73-128.

"The Effects of Industry Employment Shifts on Wage Growth: 1948-1987," Issued by the Joint Economic Committee, U.S. Congress, August 1988.

**SELECTED WORKING PAPERS**

- with Joshua McGee, "Teacher Pension Incentives, Retirement Behavior, and Potential for Reform in Arkansas," National Center for Performance Incentives, Conference Paper 2009-10, February 2009. (revised and submitted to EFP for refereed special issue, September 2009)  
[http://www.performanceincentives.org/data/files/news/ConferencePapers2009News/Costruell\\_McGee\\_Sept\\_2009\\_FINAL.pdf](http://www.performanceincentives.org/data/files/news/ConferencePapers2009News/Costruell_McGee_Sept_2009_FINAL.pdf)
- with Michael Podgursky, "Distribution of Benefits in Teacher Retirement Systems and Their Implications for Mobility," National Center for Performance Incentives, Conference Paper 2009-04, February 2009. (revised and submitted to EFP for refereed special issue, October 2009)  
[http://www.performanceincentives.org/data/files/news/ConferencePapers2009News/Costruell\\_Podgursky\\_200904\\_FINAL.pdf](http://www.performanceincentives.org/data/files/news/ConferencePapers2009News/Costruell_Podgursky_200904_FINAL.pdf)
- with Julie Trivitt, "Charter School Participant Effects in Massachusetts," November 2008.
- with Michael Podgursky, "Teacher Retirement Benefits: Are Employer Contributions Higher Than for Private Sector Professionals?" September 2008.
- with Richard Johnson and Michael Podgursky, "Modernizing Teacher Retirement Systems," Gates Foundation/Urban Institute Policy Brief, August 2008.
- with Eric Hanushek and Susanna Loeb, 2007, "What Do Cost Functions Tell Us About the Cost of an Adequate Education?" conference paper for *From Equity to Adequacy to Choice: Perspectives on School Finance and School Finance Litigation*, Show-Me Institute and the Truman School of Public Affairs, University of Missouri-Columbia, Education Working Paper Archives (refereed), December 2007.  
[http://www.uark.edu/ua/der/EWPA/Research/School\\_Finance/1801.html](http://www.uark.edu/ua/der/EWPA/Research/School_Finance/1801.html)
- with Michael Podgursky, 2007, "Peaks, Cliffs and Valleys: The Peculiar Incentives in Teacher Retirement Systems and their Consequences for School Staffing," University of Arkansas Education Working Paper Archives (refereed), November 2007.  
[http://www.uark.edu/ua/der/EWPA/Research/School\\_Finance/1800.html](http://www.uark.edu/ua/der/EWPA/Research/School_Finance/1800.html)
- with Michael Podgursky, 2007, "Efficiency and Equity in the Time Pattern of Teacher Pension Benefits: An Analysis of Four State Systems," Washington, D.C. The Urban Institute. Center for Analysis of Longitudinal Data in Education Research (CALDER). Working Paper #6. [http://www.caldercenter.org/PDF/1001070\\_Efficiency\\_Equity.pdf](http://www.caldercenter.org/PDF/1001070_Efficiency_Equity.pdf)
- "Massachusetts' *Hancock* Case and the Adequacy Doctrine," Harvard Kennedy School of Government, Rappaport Institute for Greater Boston discussion paper, April 2006; also University of Arkansas Education Working Paper Archives (refereed), August 2006.  
[http://www.uark.edu/ua/der/EWPA/Research/School\\_Finance/1784.html](http://www.uark.edu/ua/der/EWPA/Research/School_Finance/1784.html)

**SELECTED WORKING PAPERS (continued)**

"Are High Standards Good or Bad for Those Who Fail?" October 1999.

with Glenn C. Loury, "Information and Job-Matching: Is There an Efficiency-Equity Tradeoff?"  
July 1996.

with Glenn C. Loury, "Some Welfare Economics of Testing," June 1995.

"Can National Educational Standards Raise Welfare?" Working Paper 1994-6, University of  
Massachusetts, Department of Economics (November 1994).

"A Simple Model of Educational Standards," Working Paper 1992-6, University of Massachusetts,  
Department of Economics (March 1992).

"Industrial Employment Shift and Wage Growth, 1948-87," Working Paper 1990-5, University of  
Massachusetts, Department of Economics (January 1990).

"The Effects of Industrial and Regional Employment Shifts on Wage Growth: 1969-87," (August  
1989).

"When Can Technical Progress Reduce Aggregate Productivity?" (July 1987).

"Equilibrium and Optimal Product Diversity Under Consistent Conjectures with Free Entry," (May  
1986).

"Appropriability of R&D, Efficiency, and Competition, Under Certainty," (revised September 1984).

"Appropriability, Duplication, and Diversification of R&D Under Competition," (revised June 1984).

"Rent Acquisition Expenditures and Investment in Macro Models," (June 1982).

"Anatomy of Market Failures in Research," (March 1982).

"Symmetric and Asymmetric Price Dynamics," (revised February 1982).

"Quantity Expectations in Macro Models," (revised February 1982).

"The Composition of Risky Inventive Activity Under Social and Private Incentives," (Jan. 1982).

"An Extension of the Class of CES Functions to Some Non-Differentiable Forms," (July 1980).

**SELECTED PUBLIC PRESENTATIONS, SEMINARS, PANELS, ETC.**

"The Case for Economics in the College Curriculum," remarks for ACTA Press Conference, "What Will They Learn?" August 19, 2009, National Press Club, Washington, DC.

"Teacher Response to Pension System Incentives: Evidence from Arkansas," presentation to Regional Education Lab Southwest Forum, "Educator Staffing, Quality, and Teacher Retirement Systems," Dallas, July 29, 2009.

"Using Pension Data: the Case of Arkansas," Fourth Annual IES Research Conference, Washington, D.C., June 8, 2009.

"Teacher Pensions and Early Retirement," presentation to joint retreat of National Commission on Teaching and America's Future (NCTAF) and Council of Chief State School Officers (CCSSO). George Washington University, Washington, DC, April 28, 2009.

"Distribution of Benefits in Teacher Retirement Systems and Their Implications for Mobility," National Center for Performance Incentives, Second Annual Conference, "Rethinking Teacher Retirement Benefit Systems, Vanderbilt University, February 19-20, 2009. Also American Education Finance Association, Nashville, March 20, 2009 (refereed).

(by co-author Joshua McGee), "Teacher Pension Incentives, Retirement Behavior, and Potential for Reform in Arkansas," National Center for Performance Incentives, Second Annual Conference, "Rethinking Teacher Retirement Benefit Systems, Vanderbilt University, February 19-20, 2009.

"Pension Policy and Teacher Quality," Regional Education Lab Southwest Discussion Forum, Washington, D.C., May 7, 2008.

"What Do Cost Functions Tell Us About the Cost of an Adequate Education?" *From Equity to Adequacy to Choice: Perspectives on School Finance and School Finance Litigation*, Show-Me Institute and the Truman School of Public Affairs, University of Missouri-Columbia, October 30, 2007. also Carnegie-Mellon University seminar, Department of Economics and Heinz Public Policy School, December 11, 2007; American Education Finance Association, Denver, April 12, 2008.

"Incentives of Teacher Pension Benefits: Arkansas and Selected Other States," Arkansas Teacher Retirement System Annual Board Seminar, Heber Springs, AR, June 18, 2007.

"Public School Finance Under U.S. Fiscal Federalism," special invited dinner lecture, Lincoln Land Institute International Conference on "Land Policies and Fiscal Decentralization," June 3, 2007, Cambridge, Massachusetts.

"The Case for Teacher Pension Reform," American Legislative Exchange Council (ALEC) Education Task Force, Spring Task Force Summit, Hilton Head, SC, April 27, 2007.

**SELECTED PUBLIC PRESENTATIONS, SEMINARS, PANELS, ETC. (continued)**

“Efficiency and Equity in the Time Pattern of Teacher Pension Benefits: An Analysis of Four State Systems” (with Michael Podgursky), annual meeting of American Education Finance Association, Baltimore, March 2007.

“Significance of Endowed Chair in Education Accountability,” investiture ceremony, College of Education and Health Professions, University of Arkansas, January 24, 2007.

“Systemic Effects of Milwaukee Parental Choice Program on School Finance: Proposed Study,” School Choice Demonstration Project Research Advisory Board Meeting, Georgetown University, Dec. 1, 2006

“Accountability,” Discussant and Presenter at University of Arkansas Department of Education Reform Conference, October 2006, Kauffman Conference Center, Kansas City.

“Massachusetts’ *Hancock* Case,” Governor Jodi M. Rell’s Commission on Education Finance, New Haven, May 2006.

“Education Reform, Finance & Property Taxes in Massachusetts,” Lincoln Land Institute, Cambridge, Massachusetts, May 2006.

Legislative testimony on Governor Romney’s proposed reforms to education funding formula, February – March 2006.

“Merit pay proposals in Massachusetts,” panel discussion Harvard Graduate School of Education and Rennie Center, December 2005.

“Massachusetts’ *Hancock* Case and the Adequacy Doctrine,” Harvard Kennedy School of Government, Program on Education Policy and Governance, conference “Adequacy Lawsuits: Their Growing Impact on American Education,” October 12-14, 2005.

“Accountability and Education Reform in Massachusetts,” Tufts University, April 2005.

“The *Hancock* Case and Education Reform in Massachusetts: A Post-Mortem and a Pre-Mortem,” Harvard Kennedy School of Government, Program on Education Policy and Governance, March 2005. Similar presentation at Lincoln Land Institute, May 2005.

Fiscal Outlook Panel for Municipal Officials, Rappaport Institute for Greater Boston, Harvard Kennedy School of Government, December 2004.

**SELECTED PUBLIC PRESENTATIONS, SEMINARS, PANELS, ETC. (continued)**

“The Hancock Case: What's Adequate and Equitable?” Askwith Education Forum, Harvard Graduate School of Education, November 2004 (and similar forum by MassINC, both on WGBH's web forum, <http://forum.wgbh.org/wgbh/forum.php?category=Education>).

“Equity in School Finance,” presentation to annual conference of Massachusetts Associations of Superintendents and School Committees, Worcester, MA, October 2004.

“Standards and Accountability,” discussant at Brookings Institution conference on Hopeful Signs of Change in American Education, May 2004.

“Will More Resources Help?” panel chair at Harvard Kennedy School conference on 50 Years after Brown, April 2004.

“Taking Account of Accountability,” panelist at Harvard Kennedy School conference on school accountability, June 2002.

Panelist, “The State of Pre-College Economic Education and Major Issues,” National Summit on Economic Literacy, NCEE/Federal Reserve, Washington, May 2002.

“Policy Research and Development in the Massachusetts Executive Branch: An Insider View,” University of Massachusetts, April 2002; Pioneer Institute Board of Academic Advisors, May 2002.

“Education Reform in Massachusetts: Phase Two,” presentation to National Conference of State Tax Judges, Lincoln Institute of Land Policy, March 2002.

“Education Funding Reform in Massachusetts: Phase Two,” presentation to annual conference of Massachusetts Associations of Superintendents and School Committees, Worcester, MA, November 2001 (and other similar forums).

“Testing Testing: School Accountability in Massachusetts and Beyond,” panelist at Harvard Kennedy School conference, October 2001.

Presenter (with Julian R. Betts), “Incentives and Equity Under Standards-Based Reform,” Brookings Papers on Education Policy Conference on Educational Standards, May 2000.

Invited Participant, Templeton Institute for the Advanced Study of Freedom, Newport, Rhode Island, May 22-30, 1999; Galway, Ireland, June, 2000.

Co-organizer and Moderator, “Remediation Reform in Higher Education and its Implications for K-12,” 3rd Annual Conference of the New England Affiliates of the National Association of Scholars, May 8, 1999, Assumption College, Worcester, MA.

**SELECTED PUBLIC PRESENTATIONS, SEMINARS, PANELS, ETC. (continued)**

- "Local Control is not Entirely a Myth in Massachusetts," Forum on "Money Matters: Alternatives in Education Funding," by Harvard University's Taubman Center for State & Local Government, and Pioneer Institute for Public Policy Research, September, 1998
- "Information and Earnings Inequality with Skill Complementarity," NBER Income Distribution Small Group Meeting, April 1997 (co-authored with Glenn C. Loury)
- "Information and Job-Matching: Is There an Efficiency-Equity Tradeoff?" NBER 1996 Summer Institute, Income Distribution Workshop (co-authored with Glenn C. Loury).
- "Some Welfare Economics of Testing," NBER 1995 Summer Institute, Income Distribution Workshop (presented by co-author Glenn C. Loury).
- "Can National Educational Standards Raise Welfare?" Wayne State University, November 1994.
- "Centralized vs. Decentralized Educational Standards Under Pooling," Boston University Economics Department, Nov. 1993.
- "Is Open Admission Optimal?" American Economic Association Meetings, Anaheim, January 1993.
- "Wage Impact of Sectoral Shift," Eastern Economic Association Meetings, Boston, March 1988.
- "The Role of Technology, Trade, and Other Factors in the Shift to Service Employment," National Academy of Sciences, Panel on Technology and Employment, January 1986.
- "Equilibrium and Optimality Under Monopolistic Competition," Brandeis, September 1985.
- "Instability of the U.S. Deficit," National University of Singapore, July 1985.
- "Recent Trends in the U.S. Economy," International Trade Research Institute, Beijing; Beijing Institute of Foreign Languages, June 1985.
- "Rents and Suboptimality in Demand-Constrained Macro Model," University of Tokyo, May 1985.
- "Diversification and Duplication of R&D," Canadian Economic Association Meetings, Guelph, Ontario, May 1984.
- "Profitability and Aggregate Investment Under Demand Uncertainty," University of Toronto Workshop on Capital Markets, January 1982.
- "Inflation and the Law of Supply and Demand," Eastern Economic Association Meetings, Montréal, May 1980.

**OTHER RECENT PROFESSIONAL ACTIVITIES (uncompensated)**

Guest co-editor of special issue of **Education Finance and Policy**, for conference papers on teacher retirement systems, 2009-10.

Co-organizer (with Michael Podgursky), National Center for Performance Incentives, Second Annual Conference, "Rethinking Teacher Retirement Benefit Systems, Vanderbilt University, February 19-20, 2009.

Founding Graduate Director, Ph.D. program in Education Policy, University of Arkansas, 2006-present. (First class entering Fall 2009)

**OTHER RECENT PROFESSIONAL ACTIVITIES (compensated)**

"Teacher Pension Plans in Missouri and Surrounding States," Show-Me-Institute, June 15-December 31, 2009

Consult with Regional Education Lab Southwest, to help organize Policy Forum, "Educator Staffing, Quality, and Teacher Retirement Benefit Systems," Dallas, July 29, 2009.

Expert witness in "McCleary, et. al. v. State of Washington," Washington school finance case, October 2009.

Consult with MT Attorney General's Office on school finance, May 2008.

Consult with NH Gov. John Lynch on school finance, May 2007; consult with NH Legislative Cost Commission, October 2007 - March 2008.

Expert witness in "Committee for Educational Equality, et. al. v. State of Missouri, et. al.," Missouri school finance case, February 2007.

Expert witness in "Hancock v. Driscoll," Massachusetts school finance case, November 2003.

Joint Economic Committee, U.S. Congress: Contractor (1987-88).

National Academy of Sciences, Panel on Technology and Employment: Contractor (1986)

**AREAS OF TEACHING EXPERIENCE**

Economics of Education (Ph.D. level, independent study)

Econometrics (independent study, masters' level)

Microeconomic Theory at M.B.A., Intermediate and Intro Levels.

Mathematical Methods of Economics at Ph.D. and Undergraduate Level.

Game Theory at Undergraduate Level.

Undergraduate Seminar in Economics of Education.

Theoretical Industrial Organization at Undergraduate Level.

Macroeconomic Theory at Ph.D., M.B.A., and Undergraduate Levels.

Corporate Finance at M.B.A. and Undergraduate Levels.

Money and Banking at Undergraduate Level.

International Trade at Undergraduate Level.

International Monetary Theory at Undergraduate Level.

Freedom and Education (interdisciplinary course, team taught in Spring 2000, with Professor Jeffrey Leigh Sedgwick, of Political Science, under grant from the John Templeton Foundation's Freedom Project)

**PROFESSIONAL MEMBERSHIPS**

American Economic Association

American Education Finance Association

National Association of Scholars