

THOMAS ANDREWS DOWNES

PERSONAL DATA

Date of Birth: October 29, 1960
Citizenship: U.S.

Home Address: 73 Fuller St., #1
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Business Address: Department of Economics
Tufts University
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FIELDS OF INTEREST

Public Finance
Labor Economics
Econometrics

CURRENT RESEARCH INTERESTS

1. Empirical tests of alternative models of public choice.
2. Responsiveness of private choice to variations in provision levels of locally provided public goods.
3. Evaluation of potential reforms of the financing of public education and other public services.

EDUCATION

B.A. 1982, summa cum laude, Economics and Mathematics, Bowdoin College
M.A. 1988, Statistics, Stanford University
Ph.D. 1988, Economics, Stanford University

PREDOCTORAL AWARDS

Alfred P. Sloan Doctoral Dissertation Fellowship, 1987-88,
Phi Beta Kappa, Almon Goodwin Phi Beta Kappa Prize, Smyth Mathematics Prize,
Edward Sanford Hammond Mathematics Prize

EMPLOYMENT

Mathematics Teacher, Milton Academy, Milton, MA, 1982-83
Teaching Assistant, Department of Economics, Stanford University, 1984
Research Assistant, Department of Economics, Stanford University
 Research Assistant to Takeshi Amemiya, 1984-85
 Research Assistant to Thomas MaCurdy, 1985-87
Assistant Professor, Department of Economics, Northwestern University, 1988-94
Assistant Professor, Department of Economics, Tufts University, 1994-1998
Associate Professor, Department of Economics, Tufts University, 1998-present
 Acting Chair, Fall 2000
 Deputy Chair/Director of Undergraduate Program, Fall 2002 - present
Visiting Scholar, Federal Reserve Bank of Boston, 2001- 2002

PUBLICATIONS IN REFEREED JOURNALS

"Intergovernmental Aid to Reduce Fiscal Disparities: Problems of Definition and Measurement," Public Finance Quarterly 20 (October 1992): 468-482 - with Thomas Pogue.

"Evaluating the Impact of School Finance Reform on the Provision of Public Education: The California Case," National Tax Journal 45 (December 1992): 405-419.

"Adjusting School Aid Formulas for the Higher Costs of Educating Disadvantaged Students," National Tax Journal 47 (March 1994): 83-102 - with Thomas Pogue.

"An Examination of the Structure of Governance in California School Districts Before and After Proposition 13," Public Choice 86 (March/April 1996): 279-308.

"Understanding the Supply of Non-Profits: Modeling the Location of Private Schools," The Rand Journal of Economics 27 (Summer 1996): 365-390 - with Shane Greenstein.

"Do Differences in Heterogeneity and Intergovernmental Competition Help Explain Interregional Differences in the Private School Share?: Evidence from Early California Statehood" (formerly titled "An Examination of Public and Private School Attendance in Early California"), Public Finance Quarterly 24 (July 1996): 291-318.

"Do Limits Matter? Evidence on the Effects of Tax Limitations on Student Performance," Journal of Urban Economics 43 (May 1998): 401-417 - with Richard F. Dye and Therese J. McGuire.

"School Financing Reform and Private School Enrollment: Evidence from California," Journal of Urban Economics 43 (May 1998): 418-443 - with David Schoeman.

"Do Tax and Expenditure Limits Provide a Free Lunch? Evidence on the Link Between Limits and Public Sector Service Quality," National Tax Journal 49 (March 1999): 113-128 - with David Figlio.

"Does Fiscal Dependency Matter? Aid Elasticities for Dependent and Independent School Districts," Economics of Education Review 19 (July 2000): 417-429.

"The Impact of School Quality on House Prices: Chicago 1987-1991," Journal of Urban Economics 52 (July 2002): 1-25 - with Jeffrey Zabel.

"Universal Access and Local Internet Markets in the United States," Research Policy 31 (September 2002): 1035-1052 - with Shane Greenstein.

"Entry into the Schooling Market: How Is the Behavior of Private Suppliers Influenced by Public Sector Decisions?" Bulletin of Economic Research 54 (October 2002): 341-372 - with Shane Greenstein.

"How Best to Hand Out Money: Issues in the Design and Structure of Intergovernmental Aid Formulas," Journal of Official Statistics 18 (December 2002): 329-352 - with Thomas Pogue.

"Understanding Why Universal Service Obligations May Be Unnecessary: The Private Development of Local Internet Access Markets in the United States," Journal of Urban Economics 62 (July 2007): 2-26 - with Shane Greenstein.

PUBLICATIONS IN REFEREED JOURNALS (cont.)

"Human Resource Management Technology Diffusion through Global Supply Chains:Buyer-Directed Factory-Based Health Care," World Development 37 (September 2009): 1484-1493 - with Drusilla Brown, Karen Eggleston, and Ratna Kumari.

PUBLICATIONS IN CONFERENCE VOLUMES AND EDITED BOOKS

"Financing Local School Districts," in Therese J. McGuire and Dana Wolfe Naimark, eds., State and Local Public Finance in Arizona: A Case Study (Tempe, Arizona State University School of Public Affairs, 1991) -with Thomas Pogue.

"Accounting for Fiscal Capacity and Need in the Design of School Aid Formulas," in John E. Anderson, ed., Fiscal Equalization for State and Local Government Finance (New York, Praeger Publishers, 1994) - with Thomas Pogue.

"An Analysis of the Effect of Chicago School Reform on Student Performance," in Thomas A. Downes and William A. Testa, eds., Midwest Approaches to School Reform (Chicago, Federal Reserve Bank of Chicago, 1995). Published in paperback by University Press of the Pacific (September 2001, ISBN: 0898755603). Also appearing in Economic Perspectives: A Review from the Federal Reserve Bank of Chicago 19 (May/June 1995): 13-35 - with Jaquelyn L. Horowitz.

"The Effect of *Serrano v Priest* on the Quality of American Education: What Do We Know? What Do We Need to Know?" Proceedings of the 89th (1996) Annual Conference on Taxation (Washington, National Tax Association, 1997): 336-342.

"Do Commercial ISPs Provide Universal Access?" in Sharon Eisner Gillette and Ingo Vogelsang, editors, Competition, Regulation, and Convergence: Selected Papers from the 1998 Telecommunications Policy Research Conference (Lawrence Erlbaum Associates: Mahwah, NJ: 1999) - with Shane Greenstein.

"Economic Inequality and the Provision of Schooling," Economic Policy Review 5 (September 1999): 99-110 - with David Figlio.

"Tax Revolts and School Performance" in David H. Monk, Margaret C. Wang, and Herbert J. Walberg, editors, Improving Educational Productivity (Information Age Publishing: 2001) - with David Figlio.

"Do State Governments Matter?: A Review of the Evidence on the Impact on Educational Outcomes of the Changing Role of the States in the Financing of Public Education" in Yolanda Kodryzcki, editor, Education in the 21st Century: Meeting the Challenges of a Changing World (Federal Reserve Bank of Boston: 2003) - Federal Reserve Bank of Boston's Conference Series, Volume 47.

"School Finance Reform and School Quality: Lessons from Vermont," in John Yinger, editor, Helping Children Left Behind (MIT Press: 2004). (Slightly revised version in William C. Fowler, editor, Developments in School Finance: 2003 (National Center for Education Statistics, 2004).)

"What Is Adequate? Operationalizing the Concept of Adequacy for New York," in David Monk and Jim Wyckoff, editors, Symposium Proceedings 2004, Education Finance and Organizational Structure in NYS Schools (Albany, NY: Rockefeller College of Public Affairs and Policy, 2004), pp. 23-39.

PUBLICATIONS IN CONFERENCE VOLUMES AND EDITED BOOKS (cont.)

"The Effect of School Finance Reforms on the Level and Growth of Per Pupil Expenditures," Peabody Journal of Education 81 (Issue 3, 2006): 1-38 - with Mona Shah.

"Measuring Equity and Adequacy in School Finance," in H. Ladd and E. Fiske, editors, Handbook of Research in Education Finance and Policy (New York: Routledge, 2007): 222-237 - with Leanna Stiefel.

"Tax and Expenditure Limits, School Finance, and School Quality" in H. Ladd and E. Fiske, editors, Handbook of Research in Education Finance and Policy (New York: Routledge, 2007): 373-388. - with David Figlio.

"School Finance Reform" in Barry McGaw, Penelope L Peterson, and Eva Baker, editors, International Encyclopedia of Education, Third Edition, (San Diego, CA: Elsevier, forthcoming).

WORK UNDER EDITORIAL REVIEW OR IN PROGRESS

"On Estimating Individual Demand for Local Public Goods from Aggregate Data: The Case of Schooling," unpublished manuscript, April 1993.

"Compensating for Cost Disparities with Equalization Aid: Can It Be Done? Should It Be Done?" unpublished manuscript, October 1995.

"School Finance Reforms, Tax Limits, and Student Performance: Do Reforms Level-Up or Dumb Down?" unpublished manuscript, December 1998 - with David Figlio.

"What Are the Effects of School Finance Reforms? Estimates of the Impact of Equalization on Students and Affected Communities," unpublished manuscript, March 1999 - with David Figlio.

"Who Attends Charter Schools? The Impact of Charter Schools on Private Schools," unpublished manuscript, August 2002.

"The Changing Landscape of Private Education in the Post-*Serrano* Period," unpublished manuscript, March 2005.

"Do Non-School Resources Substitute for School Resources? A Review of the Evidence," unpublished manuscript, March 2007.

"The Impact of Education Reform in Massachusetts," unpublished manuscript prepared for MassINC, September 2008 - with Jeffrey Zabel

"Bake Sales and School Budgets: Alternative Revenue Generation in Vermont after Act 60," unpublished manuscript, October 2008 - with Jason Steinman (revision requested by Journal of Public Economics)

"The Impact of Education Reforms on Property Values: A Review of the Literature." Lincoln Institute of Land Policy Working Paper, June 2009.

"Centralization of School Finance and Property Values: Lessons From Vermont," unpublished manuscript, November 2009.

OTHER PUBLISHED WORK

"Alternative Solutions to Illinois' School Finance Dilemma: A Policy Brief," State Tax Notes 6 (February 14, 1994): 415-419 - with Therese McGuire.

Incomplete Grade: Massachusetts Education Reform at 15. (Boston, MassINC, May 2009) – with Jeff Zabel.

PROFESSIONAL TALKS

1988-89: National Bureau of Economic Research Summer Meetings

1989-90: Winter Meetings of the American Economic Association

1990-91: National Bureau of Economic Research Summer Meetings

1991-92: TRED (Taxation, Resources, and Economic Development) Conference, National Tax Association Annual Meetings, Southern Economic Association Annual Meetings, American Education Finance Association Annual Meetings

1992-93: ARNOVA Conference, NTA-NCSL Fiscal Equalization Seminar, Summer Meetings of the Econometric Society

1993-94: Winter Meetings of the American Economic Association

1994-95: Federal Reserve Bank of Chicago's Conference - Midwest Approach to School Reform, APPAM Annual Research Conference, National Tax Association Annual Meetings, Winter Meetings of the American Economic Association, Winter Meeting of the Econometric Society, Public Choice Society Meetings, American Education Finance Association Annual Meetings, Columbia University, Northeastern University, Harvard-MIT Public Finance seminar

1995-96: National Center for Education Statistics' "Learning from Each Other Conference," Lehigh University, APPAM Annual Research Conference, NTA/AEA session at the Winter Meetings of the American Economic Association, Wesleyan University, American Education Finance Association

1996-97: National Tax Association Annual Meetings, Winter Meetings of the Econometric Society, American Education Finance Association Annual Meetings, Harvard University Urban Economics Workshop

1997-98: Harvard University Public Finance Workshop, University of New Hampshire, United States Military Academy, Seventh Annual Vermont Economic Outlook Conference, American Education Finance Association Annual Meetings, University of Connecticut, First Summer Workshop of the Institute on Race and Social Division at Boston University

1998-99: American Education Finance Association Annual Meetings, Boston College Labor Economics Workshop, Federal Reserve Bank of New York's Conference - Unequal Incomes, Unequal Outcomes? Economic Inequality and Measures of Well-Being, APPAM Annual Research Conference, Southern Economic Association Annual Meeting, Florida Education Policy Workshop, Winter Meeting of the Internet Telephony Consortium

PROFESSIONAL TALKS (cont.)

1999-2000: American Education Finance Association Annual Meetings, Yale University Department of Economics Labor Seminar

2000-2001: American Education Finance Association Annual Meetings

2001-2002: APPAM Annual Research Conference, American Education Finance Association Annual Meetings, The Maxwell School's Conference on State Aid to Education, Federal Reserve Bank of Boston Economic Conference, "The Effect of School Finance Reform on Education in America's Cities" workshop organized by the Institute of Government and Public Affairs of the University of Illinois

2002-2003: University of New Hampshire, American Education Finance Association Annual Meetings, National Center for Education Statistics' "Data Changing Our World" Forum and Data Conference

2003-2004: University of Maryland - Baltimore County

2004-2005: National Tax Association Annual Meetings, New England Study Group (Federal Reserve Bank of Boston), American Education Finance Association Annual Meetings

2005-2006: National Tax Association Annual Meetings, American Education Finance Association Annual Meetings, University of Kansas, "The Buck Starts Where? Paying for Public Services" conference sponsored by Martin School at the University of Kentucky, "Economic Perspectives on Property Taxes and Education Finance" seminar sponsored by the Lincoln Institute of Land Policy

2006-2007: The Jerry Miner Lecture at the Maxwell School at Syracuse University, American Education Finance Association Annual Meetings

2007-2008: Institute of Government and Public Affairs' workshop "Property Taxation in Illinois: How and Why It is Broken and What Can be Done to Fix It"

2008-2009 : National Tax Association Annual Meetings, American Education Finance Association Annual Meetings, New England Study Group

2009-2010 : National Tax Association Annual Meetings, Lincoln Institute of Land Policy

OTHER PROFESSIONAL ACTIVITIES

Editor: Education Finance and Policy

Editorial Board: National Tax Journal

Referee: Econometrica, National Tax Journal, Journal of Urban Economics, Journal of Policy Analysis and Management, Public Finance Quarterly, Southern Economic Journal, Journal of Public Economics, Economics of Education Review, Journal of Labor Economics, Urban Studies, Contemporary Economic Policy, Journal of Political Economy, Education Evaluation and Policy Analysis, Leadership and Policy in Schools, State and Local Government Review, American Economic Review, Education Finance and Policy.

OTHER PROFESSIONAL ACTIVITIES (cont.)

Consultant to the Arizona Joint Select Committee on State Revenue and Expenditures, 1989. Co-authored (with Thomas Pogue) the committee report entitled "Financing K-12 Education in Arizona."

Consultant to the Federal Reserve Bank of Chicago, 1994. Co-convenor: Conference on "Midwest Approaches to School Reform." Co-editor (with William A. Testa) of Midwest Approaches to School Reform (Chicago, Federal Reserve Bank of Chicago, 1995).

Consultant to the New York State Board of Regents, 1997-98. Prepared the paper "Does Fiscal Dependency Matter? Aid Elasticities for Dependent and Independent School Districts" which appeared in New York State Board of Regents, Educational Finance to Support Higher Learning Standards: Final Report (Albany: New York State Board of Regents, 1998).

Consultant to the North Central Regional Educational Laboratory regarding their School - Community Interaction Study.

Consultant to the Attorney General of Montana. Worked with Susanna Loeb at Stanford University to prepare a report and provide expert testimony in the in the Columbia Falls v. State case.

Consultant to the New York State Board of Regents, 2003-04. Prepared the paper "What Is Adequate? Operationalizing the Concept of Adequacy for New York," in David Monk and Jim Wyckoff, editors, Symposium Proceedings 2004, Education Finance and Organizational Structure in NYS Schools (December 2004).

Consultant to for the Efficiency and Adequacy in California School Finance project. Will prepare the of paper "Do Non-School Resources Supplement or Substitute for School Resources?"

Participant: Conference on "The Education Amendment to the Illinois Constitution: Background, Impacts, and Prospects," sponsored by the Institute for Government Affairs of the University of Illinois.

Participant: Workshop on "Data Issues in Education Finance: How Could NCES Data Enhancements Contribute to Improved Research and Practice," organized by the Committee on Education Finance of the National Academy of Sciences (1998).

Participant: Roundtable session entitled "Research and Teaching as Complementary Inputs in Undergraduate Education" at the Annual Meetings of the American Economic Association (1999).

Participant: "The Effect of School Finance Reform on Education in America's Cities" workshop organized by the Institute of Government and Public Affairs of the University of Illinois

Reviewer for the Office of Educational Research and Improvement (OERI) FY 2000 Field-Initiated Studies (FIS) Education Research Grants Program - March 2000.

Member of the peer review panel for the Institute of Education Sciences (IES) FY 2004 and 2005 competitions in Research on Education Finance, Leadership and Management.

Member of the peer review panel for the Institute of Education Sciences (IES) FY 2006 competition for Education Research and Development Center Grants.

OTHER PROFESSIONAL ACTIVITIES (cont.)

Presenter: Conference of Women Legislators (Illinois) in session entitled "Revisiting Education Finance in Illinois" - December 2000.

Presenter: "Economic Perspectives on Property Taxes and Education Finance" workshop organized by the Lincoln Institute of Land Policy, May 2006.

Panel member: Panel on Formula Allocations, Committee on National Statistics, National Academies - 2001-2002.

Panel member: NCES Technical Review Panel - 2003-2005.

Co-chair, Long-Term Financing Subcommittee of the Commonwealth Readiness Project, 2007-2008.

Member, Readiness Finance Technical Advisory Group, 2008-2009.

Discussant: Summer Meeting of the Econometric Society (1989), Winter Meetings of the Econometric Society (1990), Annual Meetings of the American Economic Association (1992), ARNOVA Conference (1992), Annual Meetings of the National Tax Association (1993), Annual Meetings of the American Economic Association (1994), "Health Care Reform and the Role of the States" Conference (1994), APPAM Conference (1994), Winter Meetings of the Econometric Society (1995), Winter Meetings of the Econometric Society (1996), Winter Meetings of the Econometric Society (1997), Winter Meetings of the American Economic Association (1997), American Education Finance Association Annual Meetings (1997), American Education Finance Association Annual Meetings (1998), American Education Finance Association Annual Meetings (1999), Annual Meetings of the National Tax Association (1999), Annual Meetings of the American Economic Association (2000), "Reform Challenges and Initiatives in Large Urban School Districts of the Midwest" Symposium (1999), American Education Finance Association Annual Meetings (2000), Winter Meeting of the American Real Estate and Urban Economic Association (2001), Annual Meetings of the American Economic Association (2001), American Education Finance Association Annual Meetings (2001), APPAM Conference (2001), American Education Finance Association Annual Meetings (2002), American Education Finance Association Annual Meetings (2003), American Education Finance Association Annual Meetings (2004), American Education Finance Association Annual Meetings (2005), Winter Meetings of the American Economic Association (2006), American Education Finance Association Annual Meetings (2006), American Education Finance Association Annual Meetings (2007), American Education Finance Association Annual Meetings (2008), Annual Meetings of the National Tax Association (2008), American Education Finance Association Annual Meetings (2009), Recent Advances in Urban Economics and Public Finance, Lincoln Institute of Land Policy (2009), American Education Finance Association Annual Meetings (2010), APPAM Conference (2010).

Session Organizer: Annual Meetings of the National Tax Association (1998, 2002, 2008), Annual Meetings of the American Education Finance Association (1997-2008, 2011).

PROFESSIONAL AFFILIATIONS

Member: Econometric Society, American Economic Association, National Tax Association, American Education Finance Association, Association for Public Policy Analysis and Management (APPAM).

Member: Executive Board of the American Education Finance Association, 2003-2006.

GRANTS AND OTHER AWARDS

Recipient - Northwestern University Research Grants Committee Award. Funded research program - "The Role of Private Schooling in American Society." Value of grant - \$4466.18.

Recipient - 1993-94 grant from the AEFA Young Scholars Program (sponsored by the National Center of Education Statistics). Value of grant - \$5000.

Stanford University - "Do Non-School Resources Substitute for School Resources? A Review of the Evidence." Subcontract on "Efficiency and Adequacy of California Public School Finance." Value of grant - \$20,000.

REFERENCES

Available upon request