

# TIMOTHY J. GRONBERG

---

## ADDRESS:

Department of Economics  
Texas A&M University  
College Station, TX 77843-4228

Telephone: Work (979) 845-7358  
Home (979) 693-7682  
e-mail: [tgronberg@tamu.edu](mailto:tgronberg@tamu.edu)

## FIELDS OF SPECIALIZATION:

Primary Field: Public Finance  
Secondary Field: Urban and Spatial Economics

## EDUCATION:

Ph.D., Economics, Northwestern University, 1978  
M.A., Economics, Northwestern University, 1975  
B.A., Economics, Alfred University, 1973 (Cum Laude)

## PROFESSIONAL EXPERIENCE:

Department Head, Economics Department, Texas A&M University - present.

Interim Department Head, Economics Department, Texas A&M University,  
December 2009 - January 2011.

Professor, Texas A&M University, September 1992 - present

Research Fellow, Private Enterprise Research Center (Texas A&M University),  
1991 - present.

Research Affiliate, National Center on Performance Incentives, 2007 - present.

Fellow, Institute for Science, Technology and Public Policy, Bush School of Government  
and Public Service, July 1, 2008 - present.

Faculty Member, Bush School of Government and Public Service, 1997 - 2003.

Associate Editor, *Economic Inquiry*, 2007.

Department Head, Economics Department, Texas A&M University,  
June 1991 - August 1996

Associate Professor, Texas A&M University, September 1982 - August 1992

Assistant Department Head, September 1989 - May 1991

Director of Graduate Programs, September 1, 1979 - August 31, 1987

Assistant Professor, Texas A&M University, September 1977 - August 1982

## **JOURNAL PUBLICATIONS:**

“Are Charters the Best Alternative? A Cost Frontier Analysis of Alternative Education Campuses in Texas” (with Dennis W. Jansen and Lori Taylor). *Southern Economic Journal*, January 2017, pp. 721-743.

“School District Consolidation: Market Concentration and the Scale-Efficiency Tradeoff” (with Dennis W. Jansen, Mustafa Karakaplan and Lori Taylor). *Southern Economic Journal*, October 2015, pp. 580-597.

“Changes in the Threshold Uncertainty in a Simultaneous Subscription Game,” (with Hui-Chun Peng). *Theoretical Economics Letters*, April 2014, pp. 263-269.

“An Alternative DEA Methodology for Non-Controllable (Environmental) Inputs,” (with Norbajra Asava-vallobh and Dennis W. Jansen). *Applied Economics Letters*, September 2013, pp 1592-95.

“Are Tax-Financed Contributions to a Public Good Completely Crowded Out? Experimental Evidence,” (with Andrew Luccasen, Ted Turocy, and John B. Van Huyck). *Journal of Public Economics*, August 2012, pp. 596-603.

“The Relative Efficiency of Charter Schools: A Cost Frontier Approach,” (with Dennis W. Jansen and Lori L. Taylor). *Economics of Education Review*, April 2012, pp. 302-317.

“The Impact of Facilities on the Cost of Education,” (with Dennis Jansen and Lori Taylor). *National Tax Journal*, March 2011, pp. 193-218.

“The Adequacy of Educational Cost Functions: Lessons from Texas,” (with Dennis Jansen and Lori Taylor). *Peabody Journal of Education*, January 2011, pp. 2-27.

“Simultaneous versus Sequential Public Good Provision and the Role of Refunds: An Experimental Study,” (with Jennifer Coats and Brit Grosskopf). *Journal of Public Economics*, January 2009, pp. 326-335.

- “The Effect of Charter Schools on Traditional Public School Students in Texas: Are Children Who Stay Behind Left Behind?” (with Kevin Booker, Scott Gilpatric and Dennis Jansen). *Journal of Urban Economics*, 2008, pp. 123-145.
- “The Impact of Charter School Attendance on Student Performance,” (with Kevin Booker, Scott Gilpatric, and Dennis Jansen). *Journal of Public Economics*, 2007, pp. 849-876
- “Updating the Texas Cost of Education Index,” (with Lori L. Taylor, Celeste D. Alexander, and Dennis W. Jansen). *Journal of Educational Finance*, Fall 2002, pp. 261-284.
- “The Second Best Level of a Public Good: An Approach Based on the Marginal Welfare Cost”, (with Liqun Liu). *Journal of Public Economic Theory*, October 2001, pp. 431-454.
- “Alternative Measures of the Marginal Cost of Public Funds,” (with Edgar Browning and Liqun Liu). *Economic Inquiry*, October 2000, pp. 591-599.
- “Estimating Worker’s Marginal Willingness to Pay for Job Attributes Using Duration Data,” (with Robert Reed). *Journal of Human Resources*, Summer 1994, pp. 911-931.
- “On the Privatization of Excludable Public Goods,” (with Hae-shin Hwang). *Southern Economic Journal*, April 1992, pp. 904-921.
- “Estimation of Duration Models Using the Annual Housing Survey,” (with Robert Reed). *Journal of Urban Economics*, 1992, pp. 311-324.
- “Structure, Conduct, and Performance in the Local Public Sector,” (with Randall Eberts). *National Tax Journal*, June 1990.
- “Local Public Goods and Private Suppliers - Musical Suburbs Replayed,” (with Gerald Goldstein). *Journal of Urban Economics* May 1986.
- “Economies of Scope and Economies of Agglomeration,” (with Gerald Goldstein). *Journal of Urban Economics*, July 1984, pp. 91-104.
- “Spatial Pricing, Spatial Rents, and Spatial Welfare,” (with Jack Meyer). *Quarterly Journal of Economics*, November 1982, pp. 633-644.
- “Spatial Pricing and its Effect on Product Transportability,” (with Jack Meyer). *Journal of Business*, April 1982, pp. 269-280.
- “Wage Gradients, Rent Gradients, and the Price Elasticity of Demand for Housing: An Empirical Investigation,” (with Randall Eberts). *Journal of Urban Economics*, September 1982, pp. 168-176.

- “Transport Inefficiency and the Choice of Spatial Pricing Mode,” (with Jack Meyer). *Journal of Regional Science*, November 1981, pp. 541-549.
- “Competitive Equilibria in Uniform Delivered Pricing Models,” (with Jack Meyer). *American Economic Review*, September 1981, pp. 758-763.
- “Jurisdictional Homogeneity and the Tiebout Hypothesis,” (with Randall Eberts). *Journal of Urban Economics*, September 1981, pp. 227-239.
- “The Choice of Functional Form and the Demand for Air Quality,” (with Bruce Bender and Hae-shin Hwang). *Review of Economics and Statistics*, November 1980, pp. 638-643.
- “The Interaction of Markets in Housing and Local Public Goods: A Simultaneous Equations Approach,” *Southern Economic Journal*, October 1979, pp. 445-459.

#### **OTHER PUBLICATIONS:**

- “The State of the Missouri Economy and Workforce,” (with Dennis Jansen and Lori Taylor). *Missouri Policy Journal*, Spring 2018, pp. 1-26.
- “Improving School Accountability: Check-ups or Choice,” (with Dennis Jansen). *Advances in Applied Microeconomics Volume 14*, Elsevier, 2006, co-editor.
- “Efficiency and Performance in Texas Public Schools,” (with Dennis Jansen and George Naufal). *Improving School Accountability: Check-Ups or Choice*, Timothy Gronberg and Dennis Jansen, editors, Elsevier, 2006, pp. 81-101.
- “Volatility of School Output Measures and Implications for Use in School Funding Formulas and in Rankings of School and Teacher Performance,” (with Dennis Jansen and Kevin Booker). *Papers and Proceedings of the Hawaii International Conference on Business*, June 2004.
- “Measuring the Costs and Benefits of Import Fees,” (with Thomas R. Saving). *Does Economic Space Matter?* Hiroshi Ohta, McMillan Press, 1993.
- “Can Competition Among Local Governments Constrain Government Spending,” (with Randall Eberts). *Economic Review*, Federal Reserve Bank of Cleveland, March 1988, pp. 2-9.

## **CURRENT RESEARCH:**

“What is the Source of Economies of Scale in Education? The Implications of Efficient Size at the Campus and District Levels,” (with Dennis Jansen and Lori Taylor). December 2018. Working paper.

“Performance-based Cash Transfers and Student Achievements: Results from a Social Experiment in Chinese Primary School,” (with Li Gan and Su-Chin Hsu). October 2018. Work paper.

“Income Inequality and Political Stability: The Role of GDP Per Capita,” (with Li Gan and Su-Chin Hsu). September 2018. Working paper.

“The Marginal Cost of Raising an Additional Child,” (with Li Gan, Su-Chin Hsu, and Ta-Cheng Huang). September 2018. Working paper.

“Closing the Gaps for English Language Learners: Measurement and Cost,” (with Dennis W. Jansen and Lori Taylor). Revised January 2018.

“Why do Asian Students Study Harder? Implication of a Model of Academic Competition,” (with Liqun Liu). March 2017. Working paper.

“Participation and Performance in Special Language Programs,” (with Dennis W. Jansen and Noelia Paez). November, 2008.

Incentives under Weather Derivatives vs. Crop Insurance (with William S. Neilson). July, 2007. Working paper.

Product Liability and Economic Growth, (with Thomas R. Saving). Under revision.

## **PUBLIC POLICY REPORTS (EDUCATION):**

“Anticipating the Consequences of School District Consolidation in Major Metropolitan Areas: A Cost Function Analysis,” (with Lori L. Taylor, Dennis W. Jansen, Mustafa U. Karakaplan), prepared for the Texas Education Agency, 2014.

“D.A.T.E. Participation and Student Performance.” Chapter 6 in District Awards for Teacher Excellence (D.A.T.E.) Program: Final Evaluation Report. December 2010. National Center on Performance Incentives.

“Charter Schools: Rationale and Research.” (with Dennis W. Jansen). Research monograph prepared for Show-Me Institute, University of Missouri. November 2009.

“TEEG Participation and Student Achievement Gains.” Chapter 9 in Texas Educator

Excellence Grant Program: Year Three Evaluation Report. November, 2009. National Center on Performance Incentives.

Overview of the TEEG School Selection Process. Chapter 5 in Texas Educator Excellence Grant Program: Year Two Evaluation Report. December, 2008. National Center on Performance Incentives.

Overview of the TEEG School Selection Process. Chapter 4 in Texas Educator Excellence Grant Program: Year One Evaluation Report. December, 2007. National Center on Performance Incentives.

Texas Charter Schools: An Assessment in 2005. (with Dennis Jansen). Prepared for Texas Public Policy Foundation, 2005.

School Outcomes and School Costs: The Cost Function Approach. (with Dennis Jansen, Lori Taylor, and Kevin Booker). Prepared for Special Education Committee of the Texas Legislature. March 2004.

School Choice in Texas: Navigating Newly Chartered Waters. Prepared for Texas Public Policy Foundation, 2001.

A Study of Uncontrollable Variations in the Costs of Texas Public Education. (with C. Alexander, D. Jansen, H. Keller, L. Taylor, and U. Triesman). Prepared for the 77th Texas Legislature. Charles A. Dana Center, University of Texas-Austin, 2000.

## **GRANTS:**

Subcontract from UT Dallas from TEA to study school consolidation proposal for Texas, summer 2014.

Subcontract from Vanderbilt University to study teacher pay for performance in Tennessee, 2012-2014.

DATE Study Grant (State of Texas), September 2009 - March 2011 (through Peabody National Center of Performance Incentives).

TEEG Study Grant (State of Texas), June 2007 - June 2010 (through Peabody National Center on Performance Incentives).

Smith Richardson Foundation, January 2007 - May 2008 (Peabody National Center on Performance Incentives).

Integrated Education Research Center Grants (2) July 2007 - August 2008.

NOAA Grant, September 2005 - August 2007 (Institute for Science, Technology & Public Policy).

Education Policy Research Grant, June 1999 - August 2004, TEA and Texas Legislature. Creative and Scholarly Grant, June 1996 - August 1997.

Advanced Research Program Grant, January 1994 - August 1996.

Center for Energy and Mineral Resources Grant, September 1988 - August 1989.

Research Enhancement Grant, May 1987 - August 1988.

Summer Research Grant, 1986.

Research Grant for the Energy Research Foundation at Texas A&M, Summer 1981.

## **THESIS ADVISING**

### **Dissertation chair for:**

Su-Chin Hsu-- Current

Hui-Chun Peng – August 2014

Sungmin Han – August 2013

Mustafa Karakaplan- August 2012

Toby Kevin Booker - August 2006

Dokoan Kim - August 2003

Rapheal Andrew Luccasen III - May 2003

Jennifer Christine Coats - August 1997

Sonia Hossain Manzoor - August 1995

Douglas Thomas Wills - August 1995

Melanie Beth Marks - August 1993

Jong Guk Song - May 1990

### **Masters chair for:**

Jonathan Ambs (thesis) – January 2009

## **COURSES TAUGHT**

Public Economics (Ph.D., Masters, Undergraduate)

Microeconomic Theory (Ph.D., Masters, Undergraduate, Honors)

Cost Benefit Analysis (Masters)

Contemporary Economic Issues (Undergraduate)

Microeconomic Principles

Urban Economics (Ph.D., Undergraduate)