

## **Stephen K. Layson**

Department of Economics  
University of North Carolina Greensboro, Greensboro, NC 27402-6165  
Telephone: (336) 334-4868  
Fax: (336) 334-4089  
E-mail: layson@uncg.edu

### **EDUCATION**

- 1983      Ph.D. in Economics, University of Chicago.  
            Doctoral dissertation: "A Reexamination of the United States and Canadian Time-Series Homicide Evidence." Thesis Chair: Gary Becker (1992 Nobel Prize for Economics).
- 1973      A.B. in Economics and Mathematics, Phi Beta Kappa, Indiana University.

### **PROFESSIONAL EXPERIENCE**

- 1986–      Associate Professor, Department of Economics, University of North Carolina at Greensboro.  
            *Recent Courses taught:* Advanced Microeconomics for MA and PhD students; Microeconomics for MBA students; Mathematical Economics for undergraduates and MA students.
- 1983-86    Assistant Professor of Economics, Department of Economics, University of North Carolina at Greensboro.
- 1978-83    Instructor, Department of Economics, University of North Carolina at Greensboro.

### **ACADEMIC PUBLICATIONS**

- "To Admit or Not to Admit: The Question of Research Park Size," with Dennis Leyden and John Neufeld, *Economics of Innovation and New Technology*. (forthcoming).
- "A Geometric Analysis of Global Profit Maximization for a Two-Product Firm," *Journal of Economic Economics and Finance Education*, Summer 2007, 7-18.
- "Welfare and Profit Bounds for Third Degree Price Discrimination in the Linear Demand Model," *Journal of Economic Economics and Finance Education*, Winter 2006, 43-51.
- "The Estimation of Consumer Surplus Benefits from a City Owned Multipurpose Coliseum Complex," *Journal of Real Estate Research*, April-June 2005, 221-236.
- "Third Degree Price Discrimination with Interdependent Demands," *Journal of Industrial Economics*, December 1998, 511-524.
- "Third Degree Price Discrimination under Economies of Scale," *Southern Economic Journal*, October 1994, 323-327.

- “Market Opening under Third Degree Price Discrimination,” *Journal of Industrial Economics*, September 1994, 335-340.
- “Third Degree Price Discrimination, Welfare and Profits: A Geometrical Analysis,” *American Economic Review*, December 1988, 1131-1132.
- “United States Homicide Regressions with Adaptive Expectations,” *Bulletin of the New York Academy of Medicine*, June 1986, 589-600.
- “Homicide and Deterrence: A Reexamination of the United States Time-Series Evidence,” *Southern Economic Journal*, July 1985, 68-89.
- “The Measurement of Returns in Asset Pricing Models,” with Terry Seaks and Tony Wingler, *Economics Letters*, 1985, 255-259.
- “Estimation for Functional Form in First Difference Models,” with Terry Seaks, *The Review of Economics and Statistics*, May 1984, 338-343.
- “Price Discrimination, ‘Adjusted Concavity’ and Output Changes under Conditions of Constant Elasticity,” with John Formby and W. James Smith, *Economic Journal*, December 1983, 892-899.
- “Another View of the Canadian Time-Series Evidence and Deterrence,” *The Canadian Journal of Economics*, February 1983.
- “Box-Cox Estimation with Standard Econometric Problems,” with Terry Seaks, *The Review of Economics and Statistics*, February 1983, 160-164.
- “Allocative Inefficiency and Measures of Market Power,” *Atlantic Economic Journal*, with John Formby, December 1982, 67-70.
- “Discriminatory Changes in Employment: Comment,” with John Formby and W. James Smith, *Southern Economic Journal*, October 1982.
- “The Law of Demand, Positive Sloping Marginal Revenue and Multiple Profit Equilibria,” with John Formby, and W. James Smith, *Economic Inquiry*, April 1982.
- “Is There a Conflict Between Authors and Publishers over Book Prices,” *Southern Economic Journal*, April 1982.

## **REPRINTS**

- “Homicide and Deterrence: A Reexamination of the United States Time-Series Evidence,” in *The Economics of Crime* edited by Issac Ehrlich, The International Library of Writings in Economics, 2007.
- “Market Opening under Third Degree Price Discrimination” in *The Economics of Price Discrimination* edited by George Norman, The International Library of Writings in Economics, 1999.
- “Third Degree Price Discrimination, Welfare and Profits: A Geometrical Analysis,” in *Readings in Microeconomic Theory*, edited by Manfredi M. A. La Manna, The Dryden Press, 1997.

### **SUBMISSIONS AND WORKING PAPERS**

“A Geometric Analysis of Global Profit Maximization for A Two-Product Firm,” submitted to *Journal of Economics and Finance Education*.

“A Geometric Analysis of Two-Variable Function Optimization Problems,” submitted to *Mathematics Magazine*.

“Global Maxima and Quasiconcave Functions,” submitted to *Mathematics and Operations Research*.

“Market Opening with Interdependent Demands,” Working Paper.

### **NON-ACADEMIC PUBLICATIONS**

“Due Diligence Report on Far West Edge, Inc.,” prepared for SERVE, January 2002.

“Due Diligence Report on Skylab Technologies Group II, Inc.,” prepared for North Carolina’s Northeast Partnership, July 2001.

“The Economic Impact of the Proposed Aquatic Center on Greensboro,” prepared for Greensboro Supporters of the Aquatic Center, May 2000.

Book Review of *Stadium Games* by Jay Weiner, *News and Record*, April 2, 2000.

“The Regional Economic Impacts of the Wisconsin Tissue Facility on North Carolina,” prepared for North Carolina’s Northeast Partnership, January 1999.

“The Economic Impact of the Nucor Steel Recycling Plant on Northeastern North Carolina,” prepared for North Carolina’s Northeast Partnership, July 1998.

“The Economic Benefits of the Greensboro Coliseum Complex,” prepared for City of Greensboro, Office of City Manager, July 1998.

### **PRESENTATIONS**

“Optimization Theory, Economics and Price Discrimination,” NCA&T State University Interdisciplinary Seminar in Mathematical Economics and Business, November 4, 2004.

“Bounding the Welfare Effects of Third-Degree Price Discrimination,” NC State Economics Department Seminar, June 2003.

“The Economic Benefits of the Greensboro Coliseum Complex: A Summary,” Special City Council Meeting, March 18, 1999.

“The Economic Impact of the Greensboro Coliseum Complex,” Sports Council, February 9, 1999.

“The Economic Benefits of the Greensboro Coliseum Complex,” YMCA Rotary Club, December 9, 1998.

**RECENT UNIVERSITY SERVICE**

- |         |  |
|---------|--|
| 2007    | Chair of GSC Curriculum Suncommittee   |
| 2006-   | Served as a member of GSC  |
| 2002-   | Served as a member of MBA Committee  |
| 2001-03 | Served as a member of the ICA Committee  |
| 1999    | Served on the Economics Department Faculty Search Committee                                      |
| 1997–03 | Served as a Representative on the Faculty Senate for the Bryan School of Business and Economics. |
| 1997–   | Served as the Economics Department’s representative with the University Library.                 |
| 1996–98 | Member of McIver Award Committee   |
| 1996-96 | Member of Academic Regulations and Procedures Committee  |