

BIOGRAPHICAL SKETCH

William A. Schaffer

William A. Schaffer, Emeritus Professor of Economics at the Georgia Institute of Technology, holds a Ph.D. in Economics from Duke University. He has directed major interindustry studies for the states of Hawaii and Georgia and the province of Nova Scotia. With special interests in regional economics, he has contributed to the literature on constructing regional interindustry models, on economic impact analysis and input-output applications, and on the teaching and theory of regional science. In addition, he has published studies of the economic impact of various professional sports teams, festivals, and educational and cultural activities around the nation. He is author or co-author of several books, including *Cost-Benefit Analysis* and *On Input-Output Models and Regional Planning (available digitally at the Springer Book Archive)*, and has consulted and testified on environmental questions, project feasibility, computer applications, and tourism impacts. His latest electronic publication, revised in 2010, is: *Economic Impact Models* in The Web Book of Regional Science at West Virginia University and can be seen at <http://rri.wvu.edu/WebBook/Schaffer/index.html> . It is also available there translated into Farsi. In 2015, he published another electronic publication in Review of Regional Studies.

He acted as chair of the School of Economics at Georgia Tech, 1990-7 and 1999-2000, and has been on the boards of private corporations, the Georgia Tech Athletic Association, and several professional associations and journals. Most recently, he was President of the Atlanta Economics Club in 2000. Schaffer has also been a member of the International Council of the Regional Science Association and was President of the North American Regional Science Council in 1996-7. He has been honored as a Distinguished Fellow of the Southern Regional Science Association and is a recipient of the Faculty of the Year award of the Student Government Association at Georgia Tech.

He is currently involved in continued studies of the impact of the arts in the United States for Americans for the Arts.

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Curriculum Vitae

WILLIAM A SCHAFFER

Personal Data: Born November 20, 1934, at Sandersville, Georgia.
Married, two sons.

Education: B.S. Industrial Management, Georgia Institute of Technology, 1956.
Ph.D. Economics, Duke University, 1966.

Professional Experience: Research Associate, Duke University, 1962-1963.

Visiting Assistant Professor of Economics, Agnes Scott College and Oglethorpe College, 1965.

Assistant Professor of Economics, Georgia Institute of Technology, 1963-1967.

Consultant (Economic Impact of NASA on Huntsville), Marshall Space Flight Center, Huntsville, Alabama, Winter, 1966.

Consultant (Economic Impact of a Navigable Chattahoochee River), Conway Research, Inc., Atlanta, GA, Summer, 1967.

Associate Professor of Economics, Georgia Institute of Technology, 1967-1974. (On leave 1970-1971).

Professor of Economics, Georgia Institute of Technology, 1974-2001.

Professor Emeritus, Georgia Institute of Technology, 2001-.

Director, A Program of Research and Training in Regional Industrial Development (supported by a \$226,000 grant from the Economic Development Administration), Georgia Institute of Technology, 1967-1970.

Consultant (Feasibility of Doming Atlanta Stadium), The Arena Group, Atlanta, GA, 1969.

Consultant (Economic Impact of the Montreal Expos), Montreal Baseball Club, Ltd., Montreal, Quebec, Canada, 1969, 1972.

Director, the Hawaii Input-Output Study, Department of Planning and Economic Development, State of Hawaii, Summer, 1970.

Director, the Georgia Interindustry Study, under contract with the Bureau of State Planning and Community Affairs, State of Georgia, 1970-71.

Consultant (Survey of Fan Characteristics), Atlanta Falcons Football Club, Atlanta, GA, 1972.

Participant, Advanced Studies Institute in Regional Science, Karlsruhe, Germany, 1972, 1974.

Board of Editors, Southern Economic Journal, 1973-76.

Board of Directors, The Review of Regional Studies, 1974-79.

Principal Investigator, A Study of Labor Productivity in Georgia Manufacturing, Georgia Productivity Center, Engineering Experiment Station, Georgia Institute of Technology, Summer, 1975.

Project Director, Nova Scotia Input-Output Study, Institute of Public Affairs, Dalhousie University, 1976-77.

Research Associate, Institute of Public Affairs, Dalhousie University, 1976-77.

Consultant (Impact of P.T. Barnum Festival), P.T. Barnum Festival Society, 1977.

Lecturer, Advanced Studies Institute in Regional Science, Siegen, Germany, 1978.

Editorial Committee, Annals of Regional Science, 1978-88.

Director, The Hawaii Input-Output Study, Department of Planning and Economic Development, State of Hawaii, Summer, 1980.

Project Director, Nova Scotia Input-Output Study, Institute of Public Affairs, Dalhousie University, Summer, 1981.

Project Director, Nova Scotia Input-Output Study, DPA Group, Inc., Halifax, NS, Summers, 1987-88.

Book-Review Editor, Journal of Regional Science, 1982-87.

Editorial Board, Papers in Regional Science, 1995-97.

Acting Director, School of Economics, Georgia Institute of Technology, 1990-97; Acting Chair, 1999-2000.

Consultant to Governor's Economic Advisor on the effectiveness of tax incentives for economic development (Nov.-Dec. 1999).

Consultant to The Americans for the Arts, 2002-07.

Consultant to various law, engineering, and economic-consulting firms on the impact of special events on communities.

Associations:

Atlanta Economics Club, 1990- (Secretary, 1997-98; Vice President, 1998-99; President, 1999-2000).

Regional Science Association International (International Council, 1995-97).

North American Regional Science Council (Councillor, 1995-99; President, 1996-97).

Southern Regional Science Association (President, 1972-73, Board of Directors, 1979-).

Other memberships:

American Economic Association

Canadian Regional Science Association

Western Regional Science Association

International Input-Output Association

Community:

Faculty Advisor, Omicron Delta Epsilon, 1990-.

Faculty Advisor, Beta Theta Pi Fraternity, 1986-2006.

Chapter Counselor, Beta Theta Pi Fraternity, 2006-.

Member, Board of Directors, GT Executive Round Table, 1997-2000.

Member, Board of Trustees, Alexander-Tharpe Fund, Inc., 1984-95.

Member, Board of Trustees, Georgia Tech Athletic Association, 1976-95;

Vice-Chairman, Finance Committee, 1976-78; Chairman, Finance Committee, 1978-94.

Member, Student Activities Committee, 1988-91.

Member and NCAA Representative, Steering Committee of the Peach Bowl, 1986-89.

Faculty Advisor, Alpha Kappa Psi Business Fraternity, 1987-89.

Member and Secretary, Faculty Status and Grievance Committee, 1981-87.

Member, Atlanta Chamber of Commerce Area Council, 1975-85.

Member, Georgia Tech Executive Board, 1983-84.

Treasurer, Wildlife Films Committee, Atlanta Audubon Society, 1974-81.

Secretary, Georgia Tech Chapter of the Honor Society of Phi Kappa Phi, 1975-77.

Participant, Leadership Atlanta, Atlanta Chamber of Commerce, 1975-76.

Awards and Honors: Distinguished Fellow of the Southern Regional Science Association, 1992.

Charles Tiebout Lecturer, Twenty-Fourth Annual Pacific Northwest Regional Economic Conference, April, 1990

Faculty of the Year Award, Student Government Association, 1988.

Research Grants: A Program of Research and Training in Regional Industrial Development (A \$226,000 grant from the Economic Development Administration), 1967-70.

Electronic Publications: William A. Schaffer, "Regional Impact Models" in *The Web Book of Regional Science*, The Regional Research Institute, West Virginia University, 1999, Revised 2010, and available in Farsi (translated by Majid Dehghanizade in 2012) (<http://rri.wvu.edu/WebBook/Schaffer/index.html> and (http://rri.wvu.edu/web_book/booklist).

Schaffer, William A., with the assistance of E. A. Laurent , C. F. Floyd, E. M. Sutter, Jr., C. K. Hamby and R. C. Herbert, On Input-Output Models and Regional Planning (Leiden: Martinus Nijhoff, 1976). (Available in digital format as an e-book at the Springer Book Archive in 2013)

Books: Sassone, Peter G., and William A. Schaffer, Cost-Benefit Analysis: A Handbook (New York: Academic Press, 1978).

Schaffer, William A., with the assistance of E. A. Laurent , C. F. Floyd, E. M. Sutter, Jr., C. K. Hamby and R. C. Herbert, On Input-Output Models and Regional Planning (Leiden: Martinus Nijhoff, 1976).

Monographs: Schaffer, William A., with the assistance of John T. McLeod, The Economic Impact of Savannah International Airport, 1992 (Savannah: The Savannah Airport Commission, 1993).

Schaffer, William A., Bruce L. Jaffee, and Lawrence S. Davidson, with the assistance of Eric Alf, John T. McLeod, and Raimonds Pavlovskis, Beyond the Games: The Economic Impact of Amateur Sports in Indianapolis, 1977-91. (Indianapolis: Indianapolis Chamber of Commerce, 1993).

Schaffer, William A., and Marilu H. McCarty, The Economic Impact of the Atlanta Arts Festival in 1985 (Atlanta: Georgia Institute of Technology, 1985).

Schaffer, William A., and Lawrence S. Davidson, The Economic Impact of the Falcons on Atlanta: 1984 (Atlanta: The Atlanta Falcons, 1985).

Schaffer, William A., and Willard T. Carlton (eds.), The Environment for Small Business and Entrepreneurship in SBA Region IV (Atlanta: The Chair of Private Enterprise Foundation, Inc., 1981).

Schaffer, William A., and W. Carl Biven, The Economic Impact of Georgia Tech: Money, People, Ideas (Atlanta: Georgia Institute of Technology, 1978).

Davidson, Lawrence S., and William A. Schaffer, The Impact of the Barnum Festival (Bridgeport: The Barnum Festival Society, 1977).

Schaffer, William A., and Lawrence S. Davidson, The Economic Impact of the Falcons on Atlanta: 1972 (Atlanta: The Atlanta Falcons, 1973).

Schaffer, William A., Eugene A. Laurent, and Ernest M. Sutter, Jr., Introducing the Georgia Economic Model (Atlanta: Georgia Department of Industry and Trade, 1972).

Schaffer, William A., Eugene A. Laurent, and Ernest M. Sutter, Jr., Using the Georgia Economic Model (Atlanta: College of Industrial Management, Georgia Institute of Technology, 1972).

Schaffer, William A., and others, Interindustry Study of the Hawaiian Economy (Honolulu: Department of Planning and Economic Development, State of Hawaii, 1972).

Schaffer, William A., The Structure of Manufacturing Employment, Bureau of the Census Working Paper 26, Washington, D.C., 1968.

Schaffer, William A., George D. Houser, and Robert A. Weinberg, The Economic Impact of the Braves on Atlanta: 1966 (Atlanta: The Industrial Management Center, Georgia Institute of Technology, 1967).

Articles and
Chapters in Books

Schaffer, William A. and John J. Josza, "A Pedagogical Note on the Interregional Economic Base Model: Canada 2004, The Review of Regional Studies, Volume 45, Number 3 (2015) 1-5.

Cohen, Randy, William Schaffer, and Benjamin Davidson, "Arts and Economic Prosperity: The Economic Impact of Nonprofit Arts Organizations and Their Audiences," The Journal of Arts Management, Law, and Society, Volume 33, Number 1, Spring 2003, 17-31.

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Schaffer, William A., "Regionalists, Regional Science, and Love," Papers in Regional Science, Volume 76, Number 2, April 1997, i-vii.

Schaffer, William A., "Stagnation, Decline, and Development," Review of Regional Studies, Volume 23, Number 3, Winter 1993, 213-7.

Allen, Marcus T., Charles F. Floyd, and William A. Schaffer, "The Impact of the Hospital Industry on Georgia's Economy," Georgia Business and Economic Conditions, Volume 50, No. 2, March-April 1990, 5-7.

Schaffer, William A., "General Considerations in Building Regional Input-Output Tables," Socio-Economic Planning Sciences, Volume 25, No. 5, October 1989, 251-9.

Schaffer, William A., "Using Input-Output Analysis to Measure the Impact of Tourism Expenditures: The Case of Hawaii," in Dennis B. Propst (ed.), Assessing the Economic Impacts of Recreation and Tourism (Asheville: U. S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station, 1985).

Schaffer, William A., "The Economic Impact of Foreign Investment in Georgia," In Cedric L. Suzman (ed.), The Costs and Benefits of Foreign Investment from the State Perspective (Washington: The U. S. Department of Commerce in cooperation with the Southern Center for International Studies, 1982).

Schaffer, William A., "The Financial Impact of a University," in Marjoran Dutta, et al. (eds.), Essays in Regional Economic Studies (Durham: The Acorn Press, 1983).

Schaffer, W. A., F. D. Kennedy, and K. L. Hamilton, "Current and Future Impacts of the Nursing Home Industry on the Georgia Economy," in C. Tilquin (ed.), System Science and Health Care (Toronto: Permagon Press, 1981).

Schaffer, William A., and Willard T. Carlton, "The Environment for Small Business and Entrepreneurship in the Southeast," in Schaffer, William A., and Willard T. Carlton (eds.), The Environment for Small Business and Entrepreneurship in SBA Region IV (Atlanta: The Chair of Private Enterprise Foundation, Inc., 1981).

Davidson, Lawrence S. and William A. Schaffer, "A Discussion of Methods Employed in Analyzing the Impact of Short-term entertainment Events," Journal of Travel Research (Winter 1980), 12-16).

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Schaffer, William A., "The Role of Input-Output Models in Regional Impact Analysis," in Saul Pleeter (ed.), Economic Impact Analysis: Methodology and Applications (Boston: Martinus Nijhoff, 1980).

Schaffer, William A., "Testing Regional Impact Analyses in Nova Scotia," Canadian Journal of Regional Science, II (Spring 1979), 1-9.

Schaffer, William A., "Constructing the Nova Scotia Input-Output System," Canadian Journal of Regional Science, I (Spring 1978), 1-11.

Mohn, N. Carroll, William A. Schaffer, and Lester C. Sartorius, "Input-Output Modeling: New Sales Forecasting Tool for the Montreal Expos," Michigan Business Review, XXVIII-4 (July 1976), 7-15.

Zimmer, R. P., S. L. Robinette, R. M. Mason, and W. A. Schaffer, "An Impact Analysis of a Micro-Wind System," Proceedings of the Sixth Annual Pittsburgh Modeling and Simulation Conference, April 1975.

Schaffer, William A., and Lawrence S. Davidson, "The Economic Impact of Professional Football on Atlanta," in Shaul P., Ladany (ed.), Management Science Applications to Leisure-Time Activities (Amsterdam: North Holland Publishing Co., 1975).

Schaffer, William A., "Regional Science Theory: Nature and Relevance," Regional Science Association Papers, XXXIV (1975), 191-3.

Davidson, Lawrence S., and William A. Schaffer, "An Economic-Base Multiplier for Atlanta," Atlanta Economic Review, XXIII-4 (July-August 1973), 52-54.

Schaffer, William A., Eugene A. Laurent, and Ernest M. Sutter, Jr., "A Lesson in Input-Output Analysis: The Georgia Economic Model," Atlanta Economic Review, XXIII-2 (March-April 1973), 34-40.

Schaffer, William A., "Determination of Key Sectors in a Regional Economy through Input-Output Analysis: Comment," Review of Regional Studies, III-2 (Winter 1973) 33-34.

Schaffer, William A., "Estimating Regional Input-Output Coefficients," Review of Regional Studies, II-3 (Spring 1972), 57-71.

Schaffer, William A., and Kong Chu, "Simulating State Input-Output Models," in Paul Brock (ed.) The Mathematics of Large-Scale Simulation (La Jolla, California: Simulation Councils, Inc., 1972).

Schaffer, William A., Eugene A. Laurent, and Ernest M. Sutter, Jr., "The Economic Structure of Georgia," Georgia Business, XXXI-11 (May 1972), 1-9.

Schaffer, William A., and Kong Chu, "Simulating Regional Interindustry Models for Western States," Papers of the First Pacific Regional Science Conference, 1969 (Tokyo: University of Tokyo Press, 1971), 123-40.

Schaffer, William A., "A Survey of Teaching in Regional Economics," The Review of Regional Studies, II-2 (Winter 1970-71), 7-16.

Schaffer, William A., and Kong Chu, "Nonsurvey Techniques for Constructing Regional Interindustry Models," Regional Science Association Papers, XXIII (1969), 83-101.

Chu, Kong, and William A. Schaffer, "Regional Models and Program Budgeting," Southeastern Regional Science Association Papers, I (September 1968), 33-48.

Book Reviews:

Schaffer, William A., Review of *Survival of Rural America: Small Victories and Bitter Harvests*. by Richard E. Wood, University Press of Kansas, Lawrence, Kansas, 2008, in *The Review of Regional Studies*, Vol 40, No. 2, pp.239-41. (Aug., 2011)

Schaffer, William A., Review of *Input-Output Analysis, Foundations and Extensions*, Cambridge University Press, Cambridge, U.K., in *The Review of Regional Studies*, Vol. 39, No.3, (Winter 2009), pp. 337-8. (Jan., 2011)

Schaffer, William, Review of *Urban and Regional Policy and its Effects, Volume I*, by Margery Austin Turner, Howard Wial, and Harold Wolman (Eds.), Brookings Institution Press, Washington, DC, in *Journal of the American Planning Association*, 76(2). (Feb., 2010)

Schaffer, William A., Review of *Major League Losers: The Real Cost of Sports and Who's Paying for It*, by Mark S. Rosentraub, Journal of Regional Science, Volume 38, Number 1, February, 1998, 181-2.

Research Reports: Meek, Alfie, Cathy Bouffier, William B. Riall, and William A. Schaffer, *The Economic Impact of the Poultry Industry on Georgia in 1996*, Center for Economic Development Services, Economic Development Institute, Georgia Institute of Technology, June 1999.

Boston, Thomas D., Catherine Ross, and William A. Schaffer, *Grady Health System Economic Impact Study*, February 1999.

The DPA Group, Inc., in association with William Schaffer, Notes on Constructing the Nova Scotia Input-Output System, 1984 (limited circulation) (Halifax: The DPA Group, Inc., 1989).

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William A. Schaffer, with the assistance of Chris Aldred, Scott Hudgins, Cindy Hudson, Ron Patton, and Leigh Reeves, The Impact of the Georgia-Pacific Atlanta Golf Classic, 1987 (Atlanta: College of Management, Georgia Institute of Technology, May, 1988).

Riall, B. William, J. Craig Wyvill, and William A. Schaffer, Economic Impact of the Poultry Industry in Georgia in 1984 (Atlanta: Economic Development Laboratory, Georgia Tech Research Institute, December 1985).

Riall, B. William, Robert B. Lann, and William A. Schaffer, Economic Impact of the Poultry Industry in Georgia in 1982 (Atlanta: Economic Development Laboratory, Georgia Tech Research Institute, March 1985).

Schaffer, William A., with the assistance of K. Scott Wood, Steven R. Stokes and Doreen Liew, The Nova Scotia Input-Output System: 1979 (Halifax: Regional and Urban Studies Centre, Institute of Public Affairs, Dalhousie University, 1982).

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Schaffer, William A., and Marilu H. McCarty, The Economic Impact of the Andrew Wyeth Exhibit on Morgan County (Atlanta: College of Management, Georgia Institute of Technology, September 1982).

Schaffer, William A., and Marilu H. McCarty, The Economic Impact of the Art of the Muppets Exhibit on Atlanta (Atlanta: College of Management, Georgia Institute of Technology, March 1982).

McCarty, Marilu, and William A. Schaffer, The Economic Impact of the Arts on Georgia, 1977-78 (Atlanta: College of Industrial Management, Georgia Institute of Technology, February, 1979).

Schaffer, William A., with the assistance of K. Scott Wood, John Jozsa, Ross C. Herbert and W. Stephen MacDonald, The Nova Scotia Input-Output System: 1974 (Halifax: Regional and Urban Studies Centre, Institute of Public Affairs, Dalhousie University, December 1977).

Schaffer, William A., and Ross C. Herbert, Notes on Constructing the Nova Scotia Input-Output System, 1974 (limited circulation) (Halifax: Regional and Urban Studies Centre, Institute of Public Affairs, Dalhousie University, December 1977).

Schaffer, William A., and Ross C. Herbert, A Guide to Economic Impact Analysis in Nova Scotia (Halifax: Regional and Urban Studies Centre, Institute of Public Affairs, Dalhousie University, December 1977).

Sassone, Peter G., and William A. Schaffer, A Guide to Performing Cost-Benefit Analysis (limited circulation) (Halifax: Department of Development, Nova Scotia, December 1976).

Sassone, Peter G., William A. Schaffer, Margaret Hambleton, and Brian Gallivan, An Illustrative Cost-Benefit Analysis of the Proposed Floating Drydock at Halifax Shipyards (limited circulation) (Halifax: Department of Development, Nova Scotia, December 1976).

Schaffer, William A., Fred A. Tarpley, Jr., R. L. Yobs, Ester Lee Burks, and Ross C. Herbert, Manufacturing Productivity in Georgia: Recent Trends and Industry Group Analysis (Atlanta: Georgia Productivity Center, Engineering Experiment Station, Georgia Institute of Technology, September 1976).

Zimmer, R. P., C. G. Justus, S. L. Robinette, R. M. Mason, P. G. Sassone, and W. A. Schaffer, Benefit-Cost Methodology Study with Example Application to the Use of Wind Generators, Final Technical Report, Contract NAS3-17827, Project A-1645, Engineering Experiment Station, Georgia Institute of Technology, 1975.

Elrod, Robert H. Kemal El-Sheshai, and William A. Schaffer, Interindustry Study of Forestry Sectors for Georgia Economy (Georgia Forest Research Council Report No. 31, November 1972).

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