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EDUCATION

June 1971, A.B., Economics, University of Illinois, Urbana-Champaign
 January 1975, M.R.P., Regional Planning, Cornell University
 January 1978, Ph.D., Natural Resource Economics, Cornell University

EXPERIENCE

- 2006-2018 Consultant, Federal Reserve Bank of Chicago.
- 1980-1984, Professor (1989), Associate Professor (1982-1984, 1987-1989), and
 1987-2018 Assistant Professor (1980-1982), Department of Economics, DePaul
 University, Chicago, Illinois.
- 1984-1987 Assistant Professor, Division of Family and Consumer Economics and
 Department of Agricultural Economics, University of Illinois, Urbana-
 Champaign.
- 1978-1979 Rockefeller Foundation postdoctoral fellowship. Also, Visiting Assistant
 Professor of Economics, University of the Philippines, Quezon City and
 Visiting Research Fellow, International Rice Research Institute.
- 1977-1978 Economist, Illinois Economic and Fiscal Commission, Springfield, Illinois.
- 1974-1977 Teaching and Research Assistant, Department of Agricultural Economics,
 Cornell University.
- 1971-1972 Caseworker, Cook County Department of Public Aid.

Teaching Areas

Microeconomics
 Urban and Regional Economics
 Economic Development
 The Chicago Economy

BOOKS

The Catholic Family: Marriage, Children, and Human Capital (Boulder: Westview Press, 1995).

Catholic Schools: Private and Social Effects (Boston: Kluwer Academic Press, 2001).

RESEARCH IN PROGRESS

“Foreign-Born Workers and the Returns to College Majors.”

“Economic Development in the Chicago Metropolitan Area.”

ARTICLES IN REFEREED JOURNALS

“Religion, Religiosity, and Happiness,” *Review of Religious Research*, Vol. 59, Issue 2, June 2017, pp. 251-262.

“Returns to College Majors across Large Metropolitan Areas,” *Journal of Regional Science* Vol. 57, Issue 5, 2017, pp. 781-813 (with Brian Phelan).

“Multinomial Logit Estimates of Household Location in the Chicago Metropolitan Area,” *Letters in Spatial and Resource Sciences*, Vol. 10, Issue 1, March 2017, pp. 31-43 (with William A. Testa).

“Household Location and Economic Development in the Chicago Metropolitan Area,” *Economic Development Quarterly*, Vol. 30, No. 3, August 2016, pp. 232-238 (with William A. Testa).

“Private School Choice in the Chicago Metropolitan Area,” *Journal of School Choice*, Vol. 9, Issue 2, 2015, pp. 267-281.

“Parents’ Education, School-Age Children, and Household Location in American Cities.” *Papers in Regional Science*, Vol. 94, Issue 3, August 2015, pp. 573-595 (with William A. Testa).

“Education and the Location of Work: A Continued Economic Role for Central Cities?” *Annals of Regional Science*, Vol 50, No. 2, April 2013, pp. 577-590 (with William A. Testa).

“Religiosity and Parochial School Choice: Cause or Effect?” *Education Economics*, Vol. 20,

Issue 5, 2012, pp. 474-483 (with Danny Cohen-Zada).

“Location and Happiness in the United States,” *Economics Letters*, September 2011, Vol. 112, Issue 3, pp. 277-279.

“Religious Participation versus Shopping: What Makes People Happier?” *Journal of Law and Economics*, Vol. 54, No. 4, November 2011, pp. 889-906 (with Danny Cohen-Zada). Reprinted in *Law and Prosociality*.

“Education and Household Location in the Chicago Metropolitan Area: The Case of Chicago’s Lakefront,” *Economic Perspectives*, 4th Quarter, 2010, pp. 116-129 (with William A. Testa).

“Religious Background and Educational Attainment: The Effects of Buddhism, Islam, and Judaism,” *Economics of Education Review*, Vol. 29, Issue 3, 2010, pp. 489-493.

“Human Capital in Large Metropolitan Areas in the United States,” *Open Urban Studies Journal*, Vol. 2, 2009, pp. 56-61.

“Education and Household Location in Chicago,” *Growth and Change*, Vol. 40, No. 1, March 2009, pp. 116-139 (with William A. Testa).

“Religion, Religiosity, and Private School Choice: Implications for Estimating the Effectiveness of Private Schools,” *Journal of Urban Economics*, Vol. 64, Issue 1, July 2008, pp. 85-100 (with Danny Cohen-Zada).

“Teacher Quality and Earnings,” *Economics Letters*, Vol. 99, Issue 2, May 2008, pp. 307-309.

“Teachers and Student Achievement in the Chicago Public High Schools,” *Journal of Labor Economics*, Vol. 25, No. 1, January 2007, pp. 95-136 (with Daniel Aaronson and Lisa Barrow).

“Educational Attainment and Residential Location,” *Education and Urban Society*, Vol. 38, No. 3, May 2006, pp. 307-326.

“Religion, Religiosity, and Private Schools,” *Catholic Education: A Journal of Inquiry and Practice*, Vol. 9, No. 1, September 2005, pp. 7-21.

“Catholics and Catholic Schooling,” *Education Economics*, Vol. 13, No. 3, September 2005, pp. 257-268.

“On the Demand for City Living,” *Journal of Economic Geography*, Vol. 5, No. 3,

June 2005, pp. 351-364.

“Education and Urban Household Location,” *Economics Letters*, Vol. 82, Issue 3, March 2004, pp. 327-331.

“Religion and Human Capital,” *Economics Letters*, Vol. 75, No. 3, May 2002, pp. 303-307.

“Chicago Public Schools and Student Achievement,” *Urban Education*, Vol. 36, No. 1, January 2001, pp. 27-38.

“Parochial Schools and Student Achievement: Findings for Older Adults,” *Education Economics*, Vol. 8, No. 3, Winter 2000, pp. 259-268.

“Catholic High Schools and Homework,” *Education Evaluation and Policy Analysis*, Vol. 22, No. 3, Fall 2000, pp. 299-311.

“Endogenous Expenditures and Student Achievement,” *Economics Letters*, Vol. 64, No.2, August 1999, pp. 223-231.

“Private Schools and Public School Achievement,” *Journal of Human Resources*, Vol. 34, No. 4, Fall 1999, pp. 697-709.

“Cognitive Ability, Schooling, and the Demand for Alcohol by Young Adults,” *Education Economics*, Vol. 7, No. 1, 1999, pp. 53-66.

“Grades and Student Evaluations of Teachers,” *Economics of Education Review*, Vol. 18, No. 1, February 1999, pp. 59-63 (with Anthony C. Krautmann).

“The Effects of Schooling and Cognitive Ability on Smoking and Marijuana Use by Young Adults,” *Economics of Education Review*, Vol. 17, No. 3, 1998, pp. 317-324.

“Catholic High Schools and Rural Academic Achievement,” *American Journal of Agricultural Economics*, Vol. 79, No. 1, February 1997, pp. 1-12.

“Catholic Grade Schools and Academic Achievement,” *Journal of Human Resources*, Vol. XXXI, No. 3, Summer 1996, pp. 540-548.

“Catholic Schools, Dropout Rates, and Educational Attainment,” *Economic Inquiry*, Vol. XXXIII, No. 2, April 1995, pp. 217-233 (with Anthony C. Krautmann).

“Schooling and Quitting Smoking,” *Review of Economics and Statistics*, Vol. 77, No.1, February 1995, pp. 191-199.

“Schooling and Smoking,” *Economics of Education Review*, Vol. 14, No. 1, March 1995, pp. 23-33.

“Catholicism and Intermarriage in the United States,” *Journal of Marriage and the Family*, Vol. 55, No. 4, November 1993, pp. 1037-1041.

“Expenditures and Student Achievement in Illinois: New Evidence,” *Journal of Public Economics*, Vol. 52, No. 3, October 1993, pp. 403-416.

“Catholicism and Marriage in the United States,” *Demography*, Vol. 30, No. 3, August 1993, pp. 373-384.

“Unemployment and Marital Status in Great Britain,” *Social Biology*, Vol. 39, Numbers 3-4, Fall-Winter 1992, pp. 299-305.

“The Effect of Women’s Schooling on Fertility,” *Economics Letters*, Vol. 40, October 1992, pp. 229-233.

“Catholicism and the Economics of Fertility,” *Population Studies*, Vol. 46, No. 3, 1992, pp. 477-489.

“Unobserved Variables and Marital Status: The Schooling Connection,” *Journal of Population Economics*, Vol. 5, No. 3, 1992, pp. 217-228.

“The Effects of Ethnicity and Religion on Educational Attainment,” *Economics of Education Review*, Vol. 11, No. 2, 1992, pp. 119-135.

“Local Schooling, Taxes, and Jobs in Illinois,” *Economics of Education Review*, Vol. 10, No. 2, 1991, pp. 111-121 (with Anthony C. Krautmann).

“Schooling and Urban Employment Growth,” *Journal of Economics and Business*, Vol. 43, No. 1, 1991, pp. 69-77 (with Peter V. Schaeffer).

“More on the Determinants of the Fertility Transition,” *Social Biology*, Vol. 37, No. 1-2, 1990, pp. 52-58.

“Of Women, Men, and Divorce: Not by Economics Alone,” *Review of Social Economy*, Vol. XLVII, No. 1, 1989, pp. 15-26 (with Marianne A. Ferber).

“On Farmers and Rural Health Issues,” *Journal of the Community Development Society*, Vol. 19, No. 1, 1988, pp. 71-82 (with Joseph W. Pankau).

“Farm Women and Work,” *Home Economics Research Journal*, Vol. 15, No. 1, September

1986, pp. 14-20.

“The Political Economy of State Level Welfare Benefits,” *Public Choice*, Vol. 51, No. 2, 1986, pp. 209-219 (with J. Fred Giertz).

“Farm Women, Work, and Fertility,” *Quarterly Journal of Economics*, Vol. CI, Issue 3, August 1986, pp. 653-657.

“The Economics of Divorce in the Farm Sector,” *North Center Journal of Agricultural Economics*, Vol. 8, No. 1, January 1986, pp. 1-6.

“Farm Women and Marriage,” *Oxford Development Studies*, Vol. XIV, 1985, pp. 114-127.

“Women, Work, and Divorce,” *American Economic Review*, Vol. 75, No. 3, June 1985, pp. 519-523.

“The Economic Aspects of Single Parenthood in Chicago,” *Journal of Marriage and the Family*, Vol. 47, No. 2, May 1985, pp. 497-502.

“The State of Economic Analysis in Water Resources Planning,” *American Journal of Economics and Sociology*, Vol. 44, No. 1, January 1985, pp. 121-128.

“The Economics of Time and Community,” *Review of Social Economy*, Vol. XLII, No. 1, April 1984, pp. 44-49.

“Off-Farm Employment and Income of Farmers,” *Oxford Development Studies*, Vol. XII, 1983, pp. 34-47.

“Irrigation Development and Nonfarm Employment in Two Communities in the Philippines,” *Indian Journal of Agricultural Economics*, Vol. 38, No. 1, January-March 1983, pp. 1-14.

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“An Ex Post Analysis of the Uncompahgre Project,” *Water Resources Bulletin*, Vol. 16, No. 2, April 1980, pp. 189-193.

“The Impact of Two Communal Irrigation Projects in the Philippines,” *Journal of Agricultural Economics and Development*, Vol. X, No. 1, January 1980, pp. 110-130.

“Property Rights and the Political Economy of Resource Scarcity: A Comment,” *American Journal of Agricultural Economics*, Vol. 61, No. 1, February 1979, pp. 116-118.

Other Academic Publications

“Chicagoans are getting older and smarter,” Jan. 18, 2018, www.newgeography.com.

“Trends in Education and Income in Chicago,” Federal Reserve Bank of Chicago, Nov. 30, 2017.

“Why Chicago is not Detroit,” Federal Reserve Bank of Chicago, May 2, 2016 (with William Testa).

“Chicago City Trends,” Federal Reserve Bank of Chicago, Nov. 21, 2014 (with Bill Testa). Reprinted as “Divergent Demographic and Economic Trends in Chicago,” www.urbanophile.com, Dec. 9, 2014 and at www.newgeography.com, Jan. 7, 2015.

“Children and Cities,.” www.newgeography.com., August 23, 2013 (with William A. Testa).

“A continued role for central cities?” Federal Reserve Bank of Chicago, August 4, 2010

“The Economics of Catholic Schools.” Barry McGaw, Penelope Peterson, and Eva Baker (editors), *International Encyclopedia of Education* (3rd edition), Elsevier, 2010 (with Danny Cohen-Zada).

“Private School Choice: The Effects of Religious Affiliation and Participation,” Occasional Paper No. 140, National Center for the Study of Privatization in Education, Teachers College, Columbia University, July 2007.

“Private Schools and School Enrollment in Chicago,” *Chicago Fed Letter*, The Federal Reserve Bank of Chicago, Number 231, October 2006.

“The Effects of Catholic Schools on Religiosity, Education, and Competition,” Occasional Paper No. 32, National Center for the Study of Privatization in Education,” Teachers College, Columbia University, August 2001.

“Comments: Equity in Choosing Schools and Neighborhoods,” in Lawrence B. Joseph, Editor, *Education Policy for the 21st Century* (Champaign: University of Illinois Press,

2001) (with William Testa).

“Unemployment and Marital Status in Great Britain,” ESRC Data Archive, University of Essex, *General Household Survey Newsletter*, No. 11, August 1992, pp. 34-42.

“Spending and Student Achievement in Illinois,” Chicago: The Heartland Institute, October 1990.

Review of *Modeling Individual Choice* by Stephen Pudney, *Journal of Consumer Affairs*, Vol. 24, No. 1, 1990, pp. 231-233.

“Local Taxes, Schooling, and Jobs in Illinois,” Office of Real Estate Research, University of Illinois at Urbana-Champaign, *ORER Letter*, Vol. 3, No. 4, 1989, pp. 6-7.

“Schooling, Taxes, and State Employment Changes,” *Illinois Business Review*, Vol. 45, No. 2, April 1988, pp. 2-4 (with Peter V. Schaeffer).

“Investing in Education: Payoffs in Employment Growth,” Institute of Government and Public Affairs, University of Illinois at Urbana-Champaign, *Policy Forum*, Vol. 1, No. 1, 1988 (with Peter V. Schaeffer).

Review of *Household and Economy* by Marc Nerlove, Assaf Razin, and Efraim Sadka, *Journal of Consumer Affairs*, Vol. 21, No. 2, 1987, pp. 345-346.

“Of Women, Men, and Divorce: Not by Economics Alone,” *Proceedings of the Sixteenth Annual Meeting of the Illinois Economic Association*, 1986, pp. 30-35.

“Utilities, Politics, and Consumer Well-Being,” *Journal of Consumer Education*, Vol. 4, 1986, pp. 19-23.

Review of *Policy Analysis for the National Water Management of the Netherlands*, *Water Resources Bulletin*, Vol. 20, No. 2, April 1984, pp. 287-288.

“Economic Change in Illinois,” *Illinois Business Review*, Vol. 40, No. 4, August 1983, pp. 4-5.

“Off-Farm Employment and Income of Farm Operator Families,” *Proceedings of the Eleventh Annual Meeting of the Illinois Economic Association*, 1981, pp. 9-15.

Review of *The Zero-Sum Society* by Lester Thurow, *Review of Social Economy*, Vol. 39, No. 2, October 1981, pp. 220-222.

“Studying the Economics of a Waterway--A Critique of Studies of the McClellan-Kerr

Arkansas River Navigation System.” Cornell Agricultural Economics Staff Paper 77-10, April 1977 (with David J. Allee).

Op-Eds and Magazine Articles

“Quincy has reinvented its economy over time,” *Quincy Herald-Whig*, September 2, 2018.

“A Chicago economist weighs in on rent control,” *Crain’s Chicago Business*, Feb. 15, 2018.

“Restricting trade competition can only hurt the economy,” *St. Louis Post-Dispatch*, July 7, 2016.

“The real story behind Oreo’s Chicago exodus,” *Chicago Sun-Times*, March 27, 2016.

“Turning tides: The choice between Chicago and the suburbs.” *Chicago Life*, Nov. 2005

“Studies vouch for private schools.” *Chicago Sun-Times*, Jan 5, 1999.

“More minorities choosing a Catholic education.” *Chicago Defender*, May 7, 1996

“Testing testing 1-2-3.” *Chicago Tribune*, March 8, 1995.

“Catholic schools show value of choice.” *Chicago Tribune*, Jan. 1994.

“How to buy better schools? Pay for good teachers.” *Chicago Sun-Times*, July 13, 1991

“Ingredients for student success.” *Chicago Tribune*, June 21, 1991.

“Foreign oil blues.” Pioneer Press Newspapers, Oct. 1990.

“Vouchers make sense.” Pioneer Press Newspapers, Aug. 1990.

“Shooting the political rapids of western water.” *Wall Street Journal*, April 13, 1987

“Too late to change the rules.” *St. Louis Post-Dispatch*, Feb. 17, 1987

“Whither the American family?” *St. Louis Post-Dispatch*, Sept. 16, 1986.

“Farmers are like everyone else.” *St. Louis Post-Dispatch*, Feb. 20, 1986.

“Chicago’s future rests on better education.” *Chicago Sun-Times*, March 8, 1985.

“Politics and the deficit.” *The Daily Illini*, Oct. 25, 1984.

“Mondale, Reagan, and the Deficit.” *Chicago Tribune*, Sept. 28, 1984.

“U.S. must adopt some sort of jobs strategy.” *Chicago Sun-Times*, May 2, 1984.

“Lessons from Japan and Britain.” *Chicago Tribune*, Jan. 21, 1984.

“Economics—not race—shapes family stability.” *Chicago Sun-Times*, Jan. 5, 1984.

“A great setback for democracy.” *Chicago Tribune*, Aug. 31, 1983.

“The new mayor’s inheritance.” *Chicago Tribune*, April 19, 1983.

“Farm wife divorce rate rising.” *Illinois Agri-News*, Dec. 24, 1982.

“More farm women working off the farm.” *Illinois Agri-News*, Dec. 17, 1982.

Research Grants

Rockefeller Foundation; Agricultural Development Council; College of Commerce and University Research Council, DePaul University; United States Department of Agriculture; Research Board, Office of Real Estate Research, and Institute of Government and Public Affairs, University of Illinois; English-Speaking Union.

Reviewer

American Economic Review, Journal of Political Economy, Journal of Labor Economics, Journal of Public Economics, Review of Economics and Statistics, Economics of Education Review, Economic Inquiry, Economica, Contemporary Economic Policy, Demography, Journal of Population Economics, American Educational Research Journal, Social Biology, Review of Social Economy, American Journal of Agricultural Economics, Public Finance Quarterly, Policy Studies Journal, Review of Development Economic, Journal of Human Resources, Journal of Urban Economics, Education Economics, Journal of Development Economics, Population Research and Policy Review, Journal of Health and Social Behavior, Social Science Quarterly, Education Next, Research in Labor Economics, Berkeley Electronic Journals in Economic Analysis & Policy, Education Finance & Policy, Sociological Forum, European Journal of Political Economy, Southern Economic Journal, Education Evaluation and Policy Analysis, Journal of Policy Analysis and Management, Journal of Forensic Economics, Global Economic Review, Urban Studies, Journal of Urban Affairs.