

VITA
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JUDY A. TEMPLE
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EDUCATION:

- 1990 Ph.D in Economics, Michigan State University.
Fields: Public finance, econometrics, labor economics
Dissertation: Determinants of state and local government borrowing
- 1986 M.A. in Economics, Michigan State University.
- 1984 B.A. in Economics (with Distinction), University of Wisconsin-Madison.

PROFESSIONAL EXPERIENCE:

- 2015- Professor, Humphrey School of Public Affairs, University of Minnesota
- 2013- Director of Graduate Studies, Early Childhood Policy Certificate, University of Minnesota
- 2006-2015 Associate Professor, Humphrey School of Public Affairs and Department of Applied Economics, University of Minnesota
- 2009- Graduate faculty member, Prevention Science Graduate Minor, University of Minnesota
- 1996-2005 Associate Professor, Department of Economics, Northern Illinois University.
- 1999-2000 Assistant Chairperson and Director of Undergraduate Studies, Department of Economics, Northern Illinois University
- 2000 Visiting Lecturer, LaFollette Institute of Public Affairs, University of Wisconsin-Madison (spring semester)
- 1997-2005 Associate, Institute for Research on Poverty, University of Wisconsin-Madison.
1989-1996 Assistant Professor, Department of Economics, Northern Illinois University
- 1993-1994 Research Associate, Longitudinal Study of Children at Risk, Pennsylvania State University
- 1984-1989 Graduate Assistant, Michigan State University, East Lansing, MI.
- 1984 Research Assistant, National Conference on Social Welfare, Washington, D.C.

TEACHING EXPERIENCE:

Graduate courses in microeconomics and policy analysis, program evaluation, early childhood economic development, public finance, cost-benefit analysis, economics of education; undergraduate courses in public finance, state and local public finance, intermediate microeconomics, principles of micro and macroeconomics.

PUBLICATIONS:

Temple, Judy A. and Arthur J. Reynolds (forthcoming) Using cost-benefit analysis to scale up early childhood programs through Pay for Success financing, Journal of Benefit-Cost Analysis.

Temple, Judy A. and Arthur J. Reynolds (forthcoming) New Developments in the Economics of Prevention: Social Impact Borrowing to Finance Cost-Effective Interventions. Israelashvili and Romano, eds. Cambridge Handbook of International Prevention Science. Cambridge University Press, Cambridge UK.

Temple, Judy A. and Arthur J. Reynolds. 2015. Using social impact borrowing to expand preschool to third grade programs in urban public schools, Journal of Education for Students Placed At Risk, vol. 20. (forthcoming in December).

Reynolds, Arthur J., Arthur J. Rolnick, and Judy A. Temple (editors) 2015. Health and Education in Early Childhood. NY: Cambridge University Press.

Reynolds, Arthur J. Arthur J. Rolnick, and Judy A. Temple. 2015. "Early childhood health and education: policies and interventions to promote child wellbeing," in Health and Education in Early Childhood. NY: Cambridge University Press, pp. 3-15.

Arteaga, Irma, Sarah Humpage, Arthur J. Reynolds and Judy A. Temple. 2014. One versus two years of preschool – Does it matter for adult outcomes? Economics of Education Review, vol. 40, pp. 221-237

Reynolds, Arthur J., Judy A. Temple, Suh-Ruu Ou, Irma A. Arteaga and Barry A. B. White. 2011. School-Based early childhood education and age-28 well-being: effects by timing, dosage, and subgroups. Science, vol. 333, July 15, pp. 360-364. Includes Supplemental online materials (77 pp.) published as www.sciencemag.org/cgi/content/full/science.1203618/DC1.

Reynolds, Arthur J., Judy A. Temple, Barry A. White, Suh-Ruu Ou and Dylan L. Robertson. 2011. Age 26 cost benefit analysis of the Chicago Child Parent Center early education program, Child Development, vol. 82, pp. 379-404.

Reynolds, Arthur J., Judy A. Temple and Barry A.B. White. 2011. Economic benefits of intervention programs implemented in the first decade of life. In Zigler, Gilliam and Barnett, eds. The Prek Debates: Current Controversies and Issues, Baltimore, MD: Brookes Publishing, pp. 173-180.

Blumenthal, Marsha, Laura Kalambokidis, Jay Kiedrowski, John Spry, Judy Temple and Jenny Wahl. 2011. Bringing Tax Expenditures into the Budget Process. State Tax Notes, vol. 60, pp. 171-193.

Temple, Judy A., Arthur J. Reynolds, and Irma Arteaga. 2010. Low birth weight, preschool education, and later school remediation: an exploratory analysis in the Chicago Longitudinal Study, Education and Urban Society, vol. 42, pp. 705-729.

Temple, Judy A., Barry A. White, and Arthur J. Reynolds. 2010. Cost-effective crime prevention: economic analysis of the Chicago Child-Parent Centers early education program, Loyola Public Interest Law Reporter, vol. 15, pp. 181-197.

Reynolds, Arthur J.; Temple, Judy A.; Ou, Suh-Ruu. 2010. Impacts and Implications of the Child-Parent Center Preschool. In Reynolds, Rolnick, Englund, and Temple, eds. Childhood Programs and Practices in the First Decade of Life: A Human Capital Integration. pp. 168-187. NY: Cambridge University Press.

White, Barry A.B., Judy A. Temple, and Arthur J. Reynolds. 2010. Predicting adult criminal behavior from juvenile delinquency: Ex ante vs. ex-post projections of the benefits of early intervention. Advances in Life Course Research, vol. 15, pp. 161-170.

Reynolds, Arthur J., Suh-Ruu Ou, and Judy A. Temple. 2010. Preschool education, educational attainment, and crime prevention: Contributions of cognitive and non-cognitive skills, Children and Youth Services Review, vol. 32, pp. 1054-1063.

Temple, Judy A. 2009. Rural gaps in early education. Journal of Agricultural and Applied Economics, vol. 41, pp. 403-410.

Reynolds, Arthur J. and Judy A. Temple. 2008. Cost-effective early childhood development programs from preschool to third grade. Annual Review of Clinical Psychology, vol. 4, pp. 109-139.

Reynolds, Arthur, Judy Temple, Suh-Ruu Ou, Dylan Robertson, Joshua Mersky, et al. 2007. Effects of a school-based, early childhood intervention on adult health and well-being: a 19 year follow up of low-income families. Archives of Pediatric and Adolescent Medicine, vol. 161, pp. 730-739.

Temple, Judy A. and Arthur J. Reynolds. 2007. The benefits and costs of investments in preschool. Economics of Education Review, vol. 26, 126-144.

Reynolds, Arthur J. and Judy A. Temple. 2006. Economic returns to preschool. In Zigler, Gilliam, and Jones (Eds.), A Vision for Universal Preschool Education. New York: Cambridge University Press, pp. 37-68.

Reynolds, Arthur J. and Judy A. Temple. 2006. Impacts of the Chicago Child-Parent Centers on child and family development. In The Crisis in Youth Mental Health: Critical Issues and Effective Programs, vol. 4, Early Intervention Programs and Policies. Norman F. Watt et al. (eds.) Westport, CT: Praeger Publishers, pp. 229-249.

Reynolds, Arthur J. and Judy A. Temple. 2004. Priorities for a new century of early childhood programs. Infants and Young Children, vol. 18, 104-118.

Temple, Judy A., Arthur J. Reynolds, and Suh-Ruu Ou. 2004. Grade Retention and School Dropout: Another Look at the Evidence. In Can Unlike Students Learn Together? Grade Retention, Tracking, and Grouping. Herb Walberg, Arthur Reynolds, and Margaret Wang (Eds.). Greenwich, CT: Information Age Publishing (formerly JAI Press), pp. 35-70.

Reynolds, A. J., Temple, J. A., & Ou, S. 2003. School-based early intervention and child well-being in the Chicago Longitudinal Study. Child Welfare, vol. 82, pp. 633-656.

Reynolds, Arthur J., Judy A. Temple, Dylan L. Robertson, and Emily A. Mann. 2002. Age 21 Cost-Benefit Analysis of the Title I Chicago Child Parent Centers. Education Evaluation and Policy Analysis, vol. 24, pp. 267-303.

above article reprinted in Modern Classics in Economics of Education. C. Belfield, ed. Cheltenham, UK: Edward Elgar Publishing, 2006.

- Reynolds, Arthur J., Judy A. Temple, Dylan L. Robertson, and Emily A. Mann. 2001. Long-term effects of an early childhood intervention on educational achievement and juvenile arrest: a 15-year follow-up of low-income children in public schools. Journal of the American Medical Association, vol. 285, pp. 2339-2346.
- Temple, Judy A., Arthur J. Reynolds, and Wendy T. Miedel. 2000. Can early intervention prevent high school dropout? Evidence from the Chicago Child-Parent Centers. Urban Education, vol. 35, pp. 31-56.
- Temple, Judy A. and Arthur J. Reynolds. 1999. School mobility and achievement: longitudinal results from a large urban cohort. Journal of School Psychology, vol. 37, pp. 355-377.
- Temple, Judy A. and Edward J. Nannenhorn. 1998. State supermajority requirements for tax or revenue increases: An overview. Proceedings of the 90th annual conference of the National Tax Association.
- Temple, Judy A. 1998. Recent Clinton urban education initiatives and the role of school quality in metropolitan public finance. National Tax Journal, September, pp. 517-529.
- Temple, Judy A. 1998. Evaluation using secondary data. In A. Reynolds and H. Walberg, (eds.) Advances in Educational Productivity, vol. 7: Evaluation for Educational Productivity, Greenwich, CT: JAI Press, pp. 219-239.
- Reynolds, Arthur J. and Judy A. Temple. 1998. Extended early childhood intervention and school achievement: Age thirteen findings from the Chicago Longitudinal Study. Child Development, vol. 69, pp. 231-246.
- Reynolds, Arthur J., Heesuk Chang, and Judy A. Temple. 1998. Early childhood intervention and juvenile delinquency: An exploratory analysis of the Chicago Child-Parent Centers. Evaluation Review, vol. 22, pp. 341-372.
- Merriman, David F., Mark Skidmore, and Judy A. Temple. 1997. State government sales and income taxation in Illinois: A case study of Illinois. Oikonomika, vol. 34, pp. 23-42.
- Temple, Judy A. 1996. Community composition and voter support for tax limitations: Evidence from home rule elections, Southern Economic Journal, vol. 62, pp. 1002-1016.
- Rodgers, James D. and Judy A. Temple. 1996. Sales taxes, income taxes, and other nonproperty tax revenues, in Aronson and Schwartz (eds.) Management Policies in Local Government Finance, 4th ed., International City Management Association: Washington, D.C.
- Temple, Judy A. and Susan Porter-Hudak. 1995. Preferences for state tax and spending policies: evidence from survey data on the role of income, Economics & Politics, vol. 7, pp. 43-58.
- Reynolds, Arthur J. and Judy A. Temple. 1995. Quasi-experimental estimates of the effects of a preschool intervention: psychometric and econometric comparisons, Evaluation Review, vol. 19, pp. 347-373.
- Temple, Judy. 1994. The debt/tax choice in the financing of state and local capital expenditures, Journal of Regional Science, vol. 34, pp. 529-547.
- Temple, Judy A. 1993. Limitations on state and local government borrowing for private purposes, National Tax Journal, vol. XLV, pp. 41-52.

Selected other publications:

Kundin, Delia, Judy A. Temple, and Calvin Trombley. 2015. A social return on investment analysis of 360 Communities – Partners for Success program, University of Minnesota, College of Education and Human Development, Center for Applied Research and Educational Improvement.

- Temple, Judy A. and Arthur J. Rolnick. 2012. Identifying local benefits of early childhood developmental programs using regional modeling (book review), Educational Researcher, vol. 41, 32-33.
- Minnesota Department of Revenue with Marsha Blumenthal, Laura Kalambokidis, P. Jay Kiedrowski, John Spry, Judy Temple and Jenny Wahl. 2011. Tax expenditure review report: Bringing tax expenditures into the budget process. February.
- Reynolds, Arthur J.; Rolnick, Art; Englund, Michelle, Temple, Judy A. 2010. Early childhood development and human capital. Reynolds, Rolnick, Englund, and Temple, eds. Childhood Programs and Practices in the First Decade of Life: A Human Capital Integration. 1-27. Cambridge University Press.
- Temple, Judy A., Arthur J. Reynolds, and Barry White. 2010. Cost-effective early childhood programs from preschool to third grade. International Encyclopedia of Education, Third Edition.
- Mykerezzi, Elton, Judy A. Temple, and Kristine Lamm West. 2009. Cost-effective policies to improve rural K-12 education in Minnesota. Report prepared for Center for Rural Policy and Development, Saint Peter MN.
- Anton, Paul and Judy A. Temple. 2007 Analyzing the social return on investment in youth intervention programs. Report prepared for the Minnesota Youth Intervention Programs Association.
- Anton, Paul and Judy A. Temple. 2007. Analyzing the social return on investment in youth mentoring programs. Report prepared for the Mentoring Partnership of Minnesota.
- Reynolds, Arthur J. and Judy A. Temple. 2001. Letters: Early childhood educational intervention and long-term developmental outcomes (brief reply). Journal of the American Medical Association, October 17.
- Temple, Judy A., Reynolds, Arthur J., Ou, Suh-ruu. 2001. Grade retention and school dropout: Another look at the evidence. CEIC Review, 10 (3), The National Center on Education in the Inner Cities.
- Temple, Judy A., Reynolds, Arthur J. and Miedel, Wendy T. 1999. Can early childhood intervention prevent high school dropout? Evidence from the Chicago Child-Parent Centers (Abstract). Proceedings of the Fourth National Head Start Research Conference (pp. 483-484). Washington, DC: Administration for Children and Youth.
- Reynolds, Arthur J. and Temple, Judy. A. 1998. Why flunking is fashionable. On Wisconsin, June, p. 13.
- Reynolds, A. J., Temple, J., and McCoy, A. 1997. Grade retention doesn't work. Education Week, September 17. Commentary.
- Rogers, Diane Lim and Judy A. Temple. 1996. Taxing human wealth: Pennsylvania's experience with the local occupational assessment tax. Proceedings of the 88th Annual Conference of the National Tax Association, pp. 288-292.
- Temple, Judy A. and James D. Rodgers. 1994. Recent trends in local sales and income taxation, Proceedings of the 87th Annual Conference of the National Tax Association, pp. 142-146.
- Temple, Judy A. 1993. A review of Dennis Zimmerman's The Private-Use of Tax-Exempt Bonds (Urban Institute Press), Southern Economic Journal.
- Hamermesh, Daniel S. and Judy A. Temple. 1988. Instructor's Manual to Accompany The Economics of Work and Pay, Daniel Hamermesh and Albert Rees, 4th edition, 1988.
- Temple, Judy A. 1985. Tax expenditures, in Working Papers on Taxation, Project on the Federal Social Role, the National Conference on Social Welfare, Washington, D.C.

GRANTS, CONTRACTS AND FELLOWSHIPS:

Nonprofits Assistance Fund, report on Lessons Learned from Minnesota's Pay for Performance Initiative. Contract. (PI) Status: Awarded, 2014-2015.

Foundation for Child Development. Program, Family, and School Predictors of Continuity in the Child-Parent Center PreK-3rd Program. (Co-PI with Arthur Reynolds and Suh-Ruu Ou). Awarded 2013-2016.

US Department of Education, Investing in Innovation (I3). Midwest Expansion of Chicago Child-Parent Education Program, Preschool to Third Grade. (co-investigator with Arthur Reynolds and Art Rolnick, co-PIs.) Status: Awarded 2011- 2016.

National Institute of Nursing Research (NIH), School-Nurse Directed Secondary Obesity Prevention for Elementary School Children. (co-investigator with PI Marti Kubik in the School of Nursing). Status: Awarded 2013-2018.

National Institute for Child Health and Human Development. Longitudinal Effects of Extended Childhood Intervention (co-principal investigator with A. Reynolds). Status: Awarded 2001-2005; extended 2006-2010, 2010-2015.

U.S. Department of Health and Human Services Administration for Child, Youth and Families. Exploring Parent Decision-making: Subsidies, Employment and Child Care. (co-investigator with PI Caroline Carlin). Status: Awarded September 2009 – February 2011.

McKnight Foundation. Early Childhood Research Collaborative between the University of Minnesota and the Federal Reserve Bank of Minneapolis. (co-investigator with A Reynolds and others). Status: Awarded September 2008-September 2010.

Healthy Foods, Healthy Lives Institute of the University of Minnesota. The effects of federal food assistance programs on food insecurity and the healthy development of young children. (Principal investigator). Status: Awarded January 2009- June 2010.

Center for Rural Policy and Development. Cost-Effective Policies to Improve Rural K-12 Education in Minnesota (co-PI with Elton Mykerezi). Status: Awarded June 2008-December 2008.

Mentoring Partnership of Minnesota, University of Minnesota Extension Center for 4-H Development, and Youth Intervention Programs Association. A Benefit-Cost/ Return on Investment Framework for Youth Mentoring Programs (co-investigator with Paul Anton). Status: awarded July 2006– February 2007.

Doris Duke Charitable Foundation. Preventing Child Maltreatment through Early Educational Intervention (co-PI with A. Reynolds). Status: Awarded 2003-2006

U. S. Department of Education, National Institute for Postsecondary Education and Lifelong Learning. Post-secondary outcomes of the Title I Child-Parent Centers (co-PI with A. Reynolds). Status: Awarded 1999-2002. Extension granted, 2003-2004.

U.S. Department of Education, National Institute on the Education of At-Risk Students. Long-term Effects of the Chicago Child-Parent Centers. (Co-PI with A. Reynolds). Status: Awarded 1996-1999.

Spencer Post-doctoral Fellowship, National Academy of Education/Spencer Foundation Fellowship Program. Longer-term Effects of Extended Educational Intervention: Longitudinal Results from a Large-scale Program. Status: Awarded 1996 - 1998.

National Science Foundation Economics Program. Extending Compensatory Education Beyond Preschool: Nonexperimental Evidence from Longitudinal data. Principal investigator. Status: Awarded 1994 - 1995.

Smith Richardson Foundation. Early Childhood Intervention and Social Competence in High School:

Follow-up Analysis in the Chicago Longitudinal Study. (co-investigator with N. Bezruczko and A. Reynolds.) Status: Awarded 1995 - 1996.

American Educational Research Association. Participation grant to attend the Institute on Statistical Analysis for Education Policy, San Francisco, CA. April 21-24, 1995.

SELECTED PRESENTATIONS

Pay for Performance: Lessons Learned. Presentation at the Nonprofit Finance and Sustainability Conference, Brooklyn Center, MN, 2015.

Social impact borrowing to expand public preschool education. Paper presented at the meetings of the Association for Policy Analysis and Management, New Mexico, 2014.

Timing of benefits from preschool education. Presentation at the meetings of the Society for Cost-Benefit Analysis, Washington DC, 2014.

Benefit-cost analysis with applications to fracking. Presentation at the Annual Conference on Policy Analysis, University of Minnesota, 2013.

Impact of high school quality on adult outcomes in an urban minority sample. Poster presented at Society for Child Development, 2013. With Brandt Richardson.

Early childhood intervention and high school quality. Paper presented at the meetings of the Midwest Economics Association, Evanston, IL, 2012. With Brandt Richardson.

Overview of cost-benefit analyses of educational programs and policies. Presentation to the State of Minnesota Pay for Performance advisory committee, Saint Paul, MN, 2012.

Cost effective interventions that increase educational attainment. Presentation at the 4th World Conference on Remedies to Racial and Ethnic Economic Inequality, Minneapolis MN, 2012.

Recent advances in program evaluation and early childhood education. Presentation at the Minnesota Evaluation Studies Institute, Saint Paul, MN, 2011.

Estimates of the long-term benefits of preschool education. Invited lecture in economics department at University of Illinois-Chicago, 2010.

Reanalysis of benefits and costs of small class sizes from Tennessee project STAR, with Barry White. American Education Finance Association. Richmond, VA. 2010.

Cost-effective policies in the first decade of life, Paper presentation at the meetings of the Society for Benefit-Cost Analysis, Washington, DC, 2009.

Estimates of the long-term effects of early intervention, Paper presented at the meetings of the American Education Finance Association, Nashville, 2009.

Age 26 cost benefit analysis of the Chicago Child Parent Center early education program. Paper presented at the meetings of the Society for Prevention Research, Washington DC. 2009.

Rural preschool participation. Presentation at meetings of the Southern Agricultural Economics Association, Atlanta, 2008.

Benefits of investments in preschool education. Invited presentation at the Andrew Young School of Policy Studies, Georgia State University, Atlanta, March 2007.

Longer-term effects of preschool on educational attainment and crime: Some results at age 24 from the Chicago Child Parent Centers. Presentation at the meetings of the Midwest Economics Association,

Minneapolis, March 2007.

New directions in making the case for mentoring and youth development - the social rate of return from youth mentoring. Presentation at the meetings of the Mentoring Partnership of Minnesota Statewide Mentoring Conference, Saint Paul, MN, October 2007.

Using benefit-cost analysis to inform public policy in early childhood education - results from new studies. Presentation at the Minnesota Policy Analysis Annual Conference, Saint Paul, MN, October 2007.

Social return on investments in youth mentoring. Presentation at meeting of the trustees of the Carlson Family Foundation, March 4, 2007.

Low birth weight, preschool education, and later school remediation: an exploratory analysis in the Chicago Longitudinal Study. Paper presented at the meetings of the Association for Public Policy Analysis and Management, Madison, WI, November 2006.

Effects of a school-based early childhood program on economic well-being two decades later. Paper presented at the meetings of the Association for Public Policy and Management, Madison, WI, Nov.2006.

Contributions of cognitive and noncognitive skills to the effects of early education. Invited presentation at the inaugural conference of the Early Childhood Research Collaborative, University of Minnesota and Federal Reserve Bank of Minneapolis, October 2006.