

**Abbreviated CV**  
**REBECCA A. MAYNARD**

University Trustee Chair Professor of Education & Social Policy, Emeritus, University of  
Pennsylvania

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**EDUCATION**

Ph.D., Economics, University of Wisconsin, Madison

B.A., Economics, University of Connecticut, Phi Beta Kappa

**WORK HISTORY**

2019 – Present Principal, Maynard Consulting

1993 – 2018 Univ. of Pennsylvania, Trustee Chair Professor of Education and Social Policy

2010 - 2012 Institute of Education Sciences, Commissioner, National Center for Education Evaluation and Regional Assistance (on leave from the University)

2001 - 2003 Visiting Professor, Public and International Affairs, Princeton University

1993 - 1994 Senior Staff, Welfare Reform Work Group, U.S. Department of Health and Human Services (on leave from the University)

1974 - 1992 Mathematica Policy Research, Inc. Senior Vice President

**STATISTICAL SOFTWARE**

Dong, N., Kelcy, B., Spybrook, J. & Maynard, R. A. (2016). PowerUp!- Moderator: A tool for calculating statistical power and minimum detectable effect size differences of the moderator effects in cluster randomized trials. [Software]. <http://www.causalevaluation.org/>.

Dong, N., Kelcy, B., Spybrook, J. & Maynard, R. A. (2016). PowerUp!- Mediator: A tool for calculating statistical power for causally-defined mediation in cluster randomized trials.[Software]. <http://www.causalevaluation.org/>.

Dong, N. & Maynard, R. A. (2013). PowerUp!: A tool for calculating minimum detectable effect sizes and minimum required sample sizes for experimental and quasi-experimental design studies. [Software]. <http://www.causalevaluation.org/>.

**BLOGS & BOOK REVIEWS**

Feldman, A. & Maynard, R. [The Evidence-based Policy Revolution Waiting to Happen](#). Government Executive, January 30, 2020.

Brooks, J., Boulay, B. & Maynard, R. (2019). [Empowering practitioners to drive the evidence train: Building the next generation of Evidence](#). Boston, MA: Project Evident.

Maynard, R. (2017). Improving the Odds for Students. Research for Schools, Center for Research on Use of Evidence. <http://www.research4schools.org/blog-post/improving-odds-students/>

Maynard, R. A. (2015). Review of the book *Fighting for reliable evidence*, by J. Gueron & H. Rolston. *Journal of Policy Analysis and Management*, 34(1), 243–247.

Maynard, R. (2014, January). [Policy should focus on better contraception, not more marriage](#), Social Mobility Memos. Washington, DC: Brookings Institution.

PEER REVIEWED JOURNAL ARTICLES, PROJECT REPORTS, BOOKS & BOOK CHAPTERS

Published (Selected)

- Fein, D., Maynard, R., Baelen, R., Shivji, A., & Souvanna, P. (2020). To Improve and to Prove: A Development and Innovation Study of Year Up's Professional Training Corps. Rockville, MD: Abt Associates Inc. <https://www.abtassociates.com/files/insights/reports/2020/tip-report-10-7-20.pdf>
- Li, W., Dong, N. & Maynard, R. (2020). Power Analysis for Two-level Block Randomized Cost-effectiveness Trials, *Journal of Educational and Behavioral Statistics*. doi: 1076998620911916. <https://journals.sagepub.com/doi/pdf/10.3102/1076998620911916>
- Maynard, Rebecca A., et al. (2020) Using Iterative Experimentation to Accelerate Program Improvement: A Case Example. *Evaluation Review* (1-49) doi: 0193841X20923199.
- Castillo, W., Collins, G. & Maynard, R.A. 2020. "A Systematic Review of Evidence on the Effectiveness of Targeted College Access Programs Offering No-Cost or Subsidized College Enrollment." In *Improving Research-based Knowledge of College Promise, Programs*, L. Perna & E. Smith (Eds.) American Education Research Association (pp. 62-92). 69. DOI: 10.2307/j.ctvxw3phv.7
- Spybrook, J., Anderson, D., & Maynard, R. (2019). The Registry of Efficacy and Effectiveness Studies (REES): A Step Toward Increased Transparency in Education. *Journal of Research on Educational Effectiveness*, 12(1), 5-9.
- Maynard, R.A., Baelen, R.N., Fein, D.J, Shivji, A., & Souvanna, P. (2018, June 18). *Improving Learning & Development completion: Experimenting with alternative strategies for monitoring & supporting academics in the PTC. Post-read for Year Up Staff Conversation*. Bethesda, MD: Abt Associates.
- Maynard, R.A., Nyquist, R., Fein, D., Shivji, A. & Souvanna, P. (October 2018) *Final Evaluation Report of Year Up's Professional Training Corps in Philadelphia*. Bethesda, MD: Abt Associates Inc.
- Anderson, D., Spybrook, J., & Maynard, R. (2018). REES: A Registry of efficacy and effectiveness studies in education. *Educational Researcher*, 0013189X18810513.
- Maynard, R. (July 2018). The role of federal agencies in the design and administration of evidence-based policies. *Annals of the American Academy of Political and Social Sciences*.
- Maynard, R. (2018). The practice and promise of policy analysis and program evaluation to improve decision-making within the U.S. federal government. In *Policy Analysis in the United States* (John Hird, Ed.). Bristol, UK: Policy Press at the University of Bristol.
- Maynard, R. & Sirinides, P. Quality childcare and the pre-K genie (2017). *Behavioral Science and Policy Series: Education* (Ron Haskins & Ben Castleman, Editors).
- Maynard, R.A., Goldstein, N., & Nightingale, D.S. (Winter 2016). "[Program and policy evaluations in practice: highlights from the federal perspective](#)." *New Directions for Evaluation* (L. Peck, Ed.). San Francisco, CA: Jossey-Bass/Wiley (152) (pp. 109-134). DOI: 10.1002/ev.20209
- Fein, D.J., & Maynard, R. A. (2015). *Implementing Year Up's Professional Training Corps in Philadelphia: Experience in the first year and a half*. Bethesda, MD: Abt Associates Inc.
- Granger, R. & Maynard R.A. (2015). Unlocking the potential of the "What Works" approach to policymaking and practice: Improving impact evaluations. *American Journal of Evaluation* (pp. 558-569). DOI: 10.1177/1098214015594420
- Orr, L. & Maynard, R. (2015) Social experiments. In *International Encyclopedia of the Social*

- and Behavioral Sciences, 2nd edition, J. B. Wright (Editor), Atlanta, GA: Elsevier.
- Earle, J., Maynard, R., & Neild, R. (Joint Committee Co-Chairs) (August 2013). [Common guidelines for education research and development](#). Washington, DC: Institute of Education Sciences & National Science Foundation.
- Dong, N. & Maynard, R. A. (2013). [PowerUp!](#): A tool for calculating minimum detectable effect sizes and minimum required sample sizes for experimental and quasi-experimental design studies, *Journal of Research on Educational Effectiveness*, 6:1, 24-67.
- Hawkinson, L. E., Griffen, A., Nianbo Dong, N. & Maynard, R.A. (2012). [The relationship between child care subsidies and children's cognitive development](#). *Early Childhood Research Quarterly*.
- Ritter, G., & Maynard, R. (2008). [Using the right design to get the wrong answer? Results of a random assignment evaluation of a volunteer tutoring program](#). *Journal of Children's Services*, 3(2), 4-16.
- Herman, R., D., Dee, D., Greene, J., Maynard, R., & Redding, S. (2008). [Turning around chronically low-performing schools](#). IES practice guide (NCEE #2008-4020). Washington, DC: National Center for Education Evaluation and Regional Assistance, Institute of Education Sciences.
- Hoffman, S. & Maynard, R.A. (co-editors and contributing authors) (2008). *Kids having kids: Economic costs and social consequences of teenage pregnancy*. Washington, DC: Urban Institute Press.
- Dong, N., Maynard, R. & Perez-Johnson, I. (2008). [Averaging effect sizes within and across studies of interventions aimed at improving child outcomes](#). *Child development perspectives*, vol. 2, no. 3, pp. 187-197.
- Perez-Johnson, I. & Maynard, R.A. (2007). The case for early targeted interventions to prevent academic failure. *Peabody Journal of Education*, vol. 82, no. 4, pp. 587-616.
- Amato, P. & Maynard, R. (2007). [Decreasing nonmarital births and increasing marriage to reduce poverty](#). *The future of children*, vol. 17, no. 2, fall 2007.
- Maynard, R., Dong, N., & Perez-Johnson, I. (2007). [Issues in calculating average effect sizes in meta-analyses](#). Administration for Children and families. Workshop on Effect Sizes, March 5, 2007.
- Maynard, R. & Wilcox, B. (2007). [Conducting field experiments of setting-level policies and practices](#). *William T. Grant Foundation Annual report*. New York, NY.
- Maynard, R.A. (2006). [Presidential address: Evidence-based decision-making: What will it take for the decision makers to care?](#) *Journal of Policy Analysis and Management*, vol. 25, no. 2, spring 2006, pp. 1 – 17.
- Scher, L., Maynard, R. & Stagner, M. (2006). [Interventions intended to reduce pregnancy-related outcomes among teenagers](#). Campbell Collaboration.
- Cottingham, P. Maynard, R. & Stagner, M. (2005). [Synthesizing evidence on the impacts of programs and policies in education, crime and justice, and social welfare](#): Practical recommendations based on 14 test-bed reviews, in *Evaluation and research in education*. vol. 18, nos. 1 and 2, pp. 28-53.
- Maynard, R., Trenholm, C., Devaney, B., & Johnson, A. (2004). [First-year impacts of four title V, Section 510 abstinence education programs](#). Princeton, NJ: Mathematica Policy Research, Inc.
- Maynard, R. & Corbett, T. (2003). Where we go from here? In M.C. Lennon & T. Corbett (Editors.), *Policy into action: Implementation research and welfare reform*. Washington, DC: The Urban Institute Press, pp. 303-320.

- Maynard, R. (2001). Reactions to "Family formation issues and welfare reform" by Charles Murray, in R. Blank & R. Haskins (Eds.). *The new world of welfare*. Washington, DC: The Brookings Institution Press.
- Lauver, S.C., Ritter, G.W., Maynard, R.A. & Alberino, C. (2001). Extended Learning Opportunities for Philadelphia Students: Local Actions, National Implications? *Journal of city and state public affairs*, vol. 2, no. 1, pp. 18-31.
- Maynard, R. (2000). Whether a sociologist, economist, psychologist or simply a skilled evaluator: Lessons from evaluation practice in the U.S. *Evaluation*, vol. 6, no. 4, pp. 471–480. Also published in *Sociologi, economisti, psicologi, or semplicemente buoni valutatori? Lezioni dall'esperienza statunitense*. *Rassegna Italiana di Valutazione*, no. 17/18, Gennaio-Guigno 2000.
- Maynard, R.A. & Devaney, B. (1999). Evaluating Section 510 Abstinence-only Education Programs. *Pregnancy prevention for youth*, vol. 2, no. 2.
- Maynard, R.A., Corbett, T. & Boehnen, E. (1998). Changing family formation behavior through welfare reform. In R. Moffitt (Ed.), *Welfare, the family, and reproductive behavior*. Washington, DC: The National Academy Press.
- Boehnen, E., Corbett, T., Maynard, R.A., Sandefur, G. & Mosley, J. (1998). Changing family formation behavior through welfare reform. In *Welfare, the family, and reproductive behavior*, edited by Robert Moffitt. Washington, DC: National Academy Press, pp. 134 - 176.
- Aber, J. L., Brooks Gunn, J. & Maynard, R.A. (1998). The effects of welfare reform on teenage parents and their children. In W. S. Barnett and S. B. Boocock (Editors), *Early care and education for children in poverty: Promises, programs and long-term results*. Albany, NY: State University of New York Press.
- Kisker, E., Maynard, R.A. & Rangarajan, R. (1998). Moving teenage parents into self-sufficiency: Lessons from recent demonstrations. Princeton, NJ: Mathematica Policy Research, Inc.
- Maynard, R.A. (editor and contributing author) (1997). *Kids having kids: The economic costs and social consequences of teenage pregnancy*. Washington, DC: Urban Institute Press. Recipient of 1998 Best Social Policy Book by the *Society for Research on Adolescence*.
- Maynard, R.A. (1997). The costs of adolescent childbearing. In R. Maynard (Editor), *Kids having kids: Economic costs and social consequences of teenage childbearing*. Washington, DC: Urban Institute Press, pp. 285-337.
- Maynard, R.A. (1997). The role for paternalism in teen pregnancy prevention and teen parent services. In L. Mead (Editor), *The new paternalism: Supervisory approaches to welfare*. Washington, DC: The Brookings Institution Press.
- Maynard, R.A. & McGrath, D. (1997). Family structure, fertility, and child welfare. In J. Behrman and N. Stacey (Editors), *The social benefits of education*. Ann Arbor, MI: University of Michigan Press, pp. 125-174.
- Cohen, E., Golonka, S., Maynard, R.A., Ooms, T. & Owen, T. (1995). The challenges of connecting the adult education and welfare systems: Implications for welfare reform. *Youth Policy*, vol. 16, no. 5.
- Aber, J.L., Brooks-Gunn, J. and Maynard, R.A. (1995). Teenage childbearing and welfare reform: Lessons from a decade of demonstration and evaluation research. *Children and youth services review*, vol. 17, nos. 1 – 3, pp. 309 – 332.
- Maynard, R.A. (1995). Framing the federal child care debate: Realities and myths. *Jobs and capital*, vol. 4, winter 1995.

- Maynard, R.A. & Rangarajan, A. (1994). [Contraceptive use and repeat pregnancies among welfare dependent teenage mothers](#). *Family planning perspectives*, vol. 26, no. 5, pp. 198 - 205. Stable
- Maynard, R.A. (1994). Methods for evaluating employment and training programs: Lessons from the U.S. experience. *International Journal of Manpower*, vol. 14, Issue 2/3, pp. 94 - 104.
- Maynard, R.A. (1994). Subsidized employment and non-labor market alternatives for welfare recipients. In D. S. Nightingale & R. Haveman (Editors), *The work alternative: Welfare reform and the realities of the job market*. Washington, DC: The Urban Institute Press, pp. 109-136.
- Maynard, R.A. (1993). [Building self-sufficiency among welfare-dependent teenage parents](#). Princeton, NJ: Mathematica Policy Research, Inc. Report prepared for the U.S. Department of Health and Human Services.
- Maynard, R.A. & McGinnis, E. (1992). Policies to enhance access to high quality child care. In Alan Booth (Editor), *Child care in the 1990's: Trends and consequences*. Hillsdale, NJ: Lawrence Erlbaum Associates, pp. 189-208.
- Kisker, E. & Maynard, R.A. (1991). Quality, cost, and parental choice of child care. In David Blau (Editor), *The economics of child care*. New York, NY: The Russell Sage Foundation, pp. 127-144.
- Maynard, R.A. (1990). Child care, welfare programs, and federal policy. In *Quality child care: Meeting the challenge of welfare reform*. New York, NY: The Rockefeller Foundation.
- LaLonde, R. & Maynard, R.A. (1987). [How precise are evaluations of employment and training programs?](#) *Evaluation review*, vol. 11, no. 4, pp. 428-51.
- Fraker, T. & Maynard, R.A. (1987). [The adequacy of comparison groups designs for evaluations of employment-related programs](#). *Journal of human resources*, vol. 22, no. 2, pp. 194-227.
- Maynard, R.A. & Thornton, C.V.D. (1986). The economics of transitional and supported employment. In M. Berkowitz and A. Hill (Editors), *Disability and the labor market*. Ithaca, NY: ILR Press.
- Cavin, E. & Maynard, R.A. (1985). Short-term indicators of employment program performance: Evidence from the Supported Work demonstrations. *Journal of human resources*, vol. 20, no. 3, summer, pp. 331-345.
- Hollister, R., Kemper, P. & Maynard, R.A. (Editors and contributing authors) (1984). *The national supported work demonstration*. Madison, WI: University of Wisconsin Press.
- Maynard, R. & Murnane, R. (1979). [The effects of a negative income tax on school performance: results of an experiment](#). *Journal of human resources*, vol. 14, fall 1979, pp. 463-476.. Stable URL:
- Maynard, R. (1977). The effects of the rural income maintenance experiment on the school performance of children. *American economic review*, vol. 67, February 1977, pp. 370-375.

#### HONORS & AWARDS (Selected)

- President, *Society for Research on Educational Effectiveness* (2015- 2018); Board Member (2013- 2014)
- Academic Advisory Board, *Western International School of Shanghai* (2006 – 2010; 2014 - 2019)
- Fellow, *American Education Research Association* (2009 - )
- Peter H. Rossi Award* for Contributions to the Theory and Practice of Program Evaluation (2009)

Co-recipient, *Society of Prevention Research Public Service Award* (2008)

President, *Association of Policy Analysis and Management* (FY 2006)

*Best Book Award: Society for Research on Adolescents* (1998)

#### MANAGEMENT & PROJECT EXPERIENCE

##### Current Projects

Co-Investigator (Principal Investigator: Nianbo Dong). **A Statistical Framework and Tools for Planning Multilevel Randomized Cost-Effectiveness Trials. National Science Foundation, 7/21/20 – 7/21/2023 ([NSF Award 2000705](#))**. Subaward Amount: \$159,000.

Co-Investigator (Principal Investigator (Co-PI: A. Brooks Bowden). **University of Pennsylvania Predoctoral Training Program in Interdisciplinary Methods for Field-Based Research in Education 07/01/2020 – 06/30/2025 ([Award: R305B200035](#))**. Grant Amount: \$4,586,296.

##### Completed Projects (2008 – 2020):

Co-Investigator (Henry May, University of Delaware, PI). **The Center for Research Use in Education (CRUE). Institute of Education Sciences 8/1/2015–7/31/2020. ([Award: R305C150017](#))**. Total Grant Amount: \$4,999,958; Subgrant Amount: \$279,000.

Co-Principal Investigator (with David Fein, Abt Associates). Development of College- and Employer-based Career Pathways Models Based on the Year Up Core Program, **Institute of Education Sciences, 7/1/2015 – 6/30/2020 ([Grant R305A150214](#))**. Grant Amount: \$1.5 million.

Co-Principal Investigator (with Larry Hedges). Support for the Use of Rigorous Methods in Education Sciences, **Institute of Education Sciences, 7/1/ 2015 – 9/30/2019. Grant Amount: \$953,438.**

Co-Principal Investigator (with Susan Margulies and Glen Gaulton). Penn Pathfinders Program. **National Science Foundation, 7/1/15 – 6/20/2018. Grant Amount: \$474,849.**

Co-Principal Investigator (with David Fein, Abt Associates). An Evaluation of the Professional Training Corps-Philadelphia, **GreenLight Fund, 2014 – 2017. Contract amount: \$700,000 (to Abt Associates).**

Lead Evaluator. Evaluation of the University of Pennsylvania's Structured Active In-class Learning Initiative, **Association of American Universities, 2013 – 2016. Grant amount: ~ \$1 million from the Association of American Universities for program operations (Dennis DeTurck and Beth Winkelstein, PIs).**

PI. WT Grant Foundation. Bridging the Divide between the Impact and Improvement Science Communities. **Grant Amount: \$25,000.**

Principal Investigator/Project Director: University of Pennsylvania Pre-doctoral Training Program in Interdisciplinary Methods for Field-based Research in Education ([2005 – 2010](#); [2013 - 2016](#)).

##### COMMITTEES & ADVISORY BOARDS (Current)

Research Advisory Committee Chair, Forum for World Education (2019 - )

American Institutes of Research, Member of the What Works Clearinghouse Statistics, Website and Training project team (2018 – 2023).

Member, National Academy of Sciences Panel on [Evidence-based Practices for Public Health Emergency Preparedness and Response](#): Assessment and Recommendations for the Field (2018 – 2021)

[Project Evident](#), National Evaluation Advisory Board (2017 - )

American Academy of Political and Social Science, Board of Directors (2016 – 2019); Board Chair (2018 - )

Society for Research on Educational Effectiveness, Past President (2019)

Education Development Corporation, Technical Work Group. Regional Educational Laboratory NEI (2017 – 2022)

*Journal on Policy Analysis and Management*, Associate Editor, Methods for Policy Analysis (2012 - 2014); Editorial Board (2015 - )

*Journal of Educational and Behavioral Statistics*, Management Committee (2013 – 2019)