

Tuan D. Nguyen

Kansas State University
College of Education
Department of Curriculum and Instruction
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ACADEMIC POSITION

- 2018- Assistant Professor, Kansas State University
- 2018 Research Assistant Professor, Kansas State University

EDUCATION

- 2018 **Ph.D.** Education Leadership and Policy Studies
Doctoral Minor: Quantitative Methods
Graduate Certificates: Experimental Education Research Training
Vanderbilt University, Nashville, TN
- 2008 **M.A.T.** Mathematics; Secondary Education Certification
Washington University in St. Louis, St. Louis, MO
- 2006 **B.A.; B.S.** Mathematics and Physics Dual Degree
Psychology and History of Science Minors
University of Oklahoma, Norman, OK

RESEARCH INTERESTS

Education policy; teacher leadership, teacher policy, and teacher labor market; financial aid and postsecondary persistence; causal inference and methodologies

DISSERTATION

The Theories and Determinants of Teacher Attrition and Retention (I. A conceptual framework of teacher attrition and retention. II. The determinants of teacher attrition and retention: A systematic review and meta-analysis of the literature. III. The factors of teacher attrition and retention: Evidence from repeated cross-sectional national data.)

RESEARCH GRANTS AND EXTERNAL FUNDING

- 2018-2022 *Preparing Preservice Mathematics Teachers for Success in High-Need Schools*. NSF Robert Noyce Teacher Scholarship Program. (Co-PI with Sherri Martinie and Craig Spencer). \$734,223. Award ID: 1660752.
- 2018 Robert Noyce Fellowship (Conference) Grant. \$650.

PEER-REVIEWED PUBLICATIONS

- 2019 Redding, C. & **Nguyen, T.D.** (forthcoming) Recent Trends in the Characteristics of New Teachers, the Schools in Which They Teach, and Their Turnover Rates. *Teacher College Record*.
- 2019 Evans, B.J. & **Nguyen, T.D.** (2019) Monetary Substitution of Loans, Earnings, and Need-based Aid in Postsecondary Education: The Impact of Pell Grant Eligibility. *Economics of Education Review*, 70, 1-19.
- 2018 **Nguyen, T.D.** & Redding, C. (2018) Changes in the Demographics, Qualifications, and Turnover of American STEM Teachers, 1988-2012. *AERA Open*, 4(3), 1-13.

- 2018 **Nguyen, T.D.** & Hunter, S. (2018) Towards an Understanding of Dynamics among Teachers, Teacher Leaders, and Administrators in a Teacher-led School Reform. *Journal of Educational Change*, 19(4), 539-565.
- 2018 **Nguyen, T.D.**, Cannata, M., & Miller, J. (2018) Understanding Student Behavioral Engagement: Importance of Student Interaction with Peers and Teachers. *The Journal of Educational Research*. 111(2), 163-174. doi:10.1080/00220671.2016.1220359
- 2017 Evans, B.J., **Nguyen, T.D.**, Tener, B.B., & Thomas, C.L. (2017) Federal Pell Grant Eligibility and Receipt: Explaining Nonreceipt and Changes to EFC Using National and Institutional Data. *The Journal of Student Financial Aid*, 47(3), 4.
- 2016 **Nguyen, T.D.** (2016) Social Reproduction in Vietnam: Educational Attainment, Employment, and Skills Usage. *International Journal of Educational Development*, 51, 10-22. doi:10.1016/j.ijedudev.2016.07.006
- 2015 **Nguyen, T.** (2015). The effectiveness of online learning: Beyond no significant difference and future horizons. *Journal of Online Learning and Teaching*, 11 (2), 309-319.

PAPERS UNDER SUBMISSION

- Cannata, M., Redding, C., & **Nguyen, T.D.** Building Student Ownership and Responsibility: Examining Student Outcomes from a Research-Practice Partnership. (conditional acceptance)
- Pham, L.D., **Nguyen, T.D.**, & Springer, M.G. Teacher Merit Pay and Student Test Scores: A Meta-Analysis. (under review)
- Doyle, W.R., Lee, J., & **Nguyen, T.D.** Impact of Need-Based Financial Aid on Student Persistence at Public Institutions: An Application of the Regression-Discontinuity Design. (revise and resubmit)
- Nguyen, T.D.**, Kramer, J.W., & Evans, B.J. The Effects of Grant Aid on Student Persistence and Degree Attainment: A Systematic Review and Meta-Analysis of the Causal Evidence. (revise and resubmit)
- Nguyen, T.D.**, Kramer, J.W., & Francis, C.H.W. Demographics Shifts, Aids, and Academic Outcomes of the New “Average” College Students: The Story of the Non-traditional Students in the 21st Century. (under review)

PAPERS UNDER DEVELOPMENT

- Nguyen, T.D.**, Grissom, J., & Patrick, S.K. Not Just Black and White: The Effects of Demographic Incongruence on Teacher Turnover in a Multiethnic School System.
- Cannata, M., Engel, M., **Nguyen, T.D.**, & Curran, F.C. Teacher Involvement in Hiring: Changes over Time.
- Cannata, M. & **Nguyen, T.D.** Consensus versus Concreteness: Tensions in Designing for Scale.
- Rubin, M., **Nguyen, T.D.**, & Cannata, M. The Influence and Development of Capital for Teacher Leadership.
- Kramer, J.W. & **Nguyen, T.D.** Persistence and Degree Attainment of the Non-traditional Students at Two-year and Four-year Institutions: Evidence from National Data.

INVITED PRESENTATIONS

- 2018 Nguyen, T.D. (2018) Factors of Teacher Attrition and Retention Through a Systematic Review and Meta-Analytic Process. The *Educate Kansas Dialogue Summit*. Manhattan, KS.

PEER-REVIEWED CONFERENCE PRESENTATIONS

- 2018 Nguyen, T.D. (2018) Changes in the Demographics, Qualifications, and Turnover of American STEM Teachers, 1988-2012. Paper presented at the *Midwest Annual Robert Noyce Teacher Scholarship Program*, St. Louis, MO.
- Nguyen, T.D. & Kramer, J. (2018) Demographic Shifts, Aids, and Academic Outcomes of the New Average College Students: The Story of Nontraditional Students in the 21st Century. Paper presented at the annual meeting of the *American Educational Research Association*, New York, NY.
- Evans, B. & Nguyen, T.D. (2018) The Effects of Grant Aid on Social and Academic Integration in Higher Education. Paper presented at the annual meeting of the *American Educational Research Association*, New York, NY.
- Pham, L., Nguyen, T.D. & Springer, M. (2018) A Meta-analysis of Teacher Merit Pay and Student Achievement. Paper presented at the annual meeting of the *American Educational Research Association*, New York, NY.
- Nguyen, T.D., Kramer, J.W., & Evans, B.J. The Effects of Grant Aid on Student Persistence and Degree Attainment: A Systematic Review and Meta-Analysis of the Causal Evidence. Paper presented at the annual meeting of the *Association for Education Finance and Policy*, Portland, OR.
- Nguyen, T.D. (2018) The factors of teacher attrition and retention: Evidence from repeated cross-sectional national data. Paper presented at the annual meeting of the *Association for Education Finance and Policy*, Portland, OR.
- 2017 Nguyen, T.D. (2017) The Roles of Teacher Leadership in School Improvement: Past, Present, and Future. Paper presented at the annual meeting of the *American Educational Research Association*, San Antonio, TX.
- Evans, B.J. & Nguyen, T.D. (2017) Monetary Substitution of Loans, Earnings, and Need-based Aid in Postsecondary Education: The Impact of Pell Grant Eligibility. Paper presented at the annual meeting of the *American Educational Research Association*, San Antonio, TX.
- Cannata, M., Engel, M. Nguyen, T.D., & Curran, F.C. (2017) Paths to Leadership: Understanding Teacher Influence in Hiring. Paper presented at the annual meeting of the *Association for Education, Finance, and Policy*. Washington D.C.
- Nguyen, T.D., Francis, C.H.W., & Kramer, J.W. (2017) Demographics Shifts, Aids, and Academic Outcomes of the New "Average" College Students: The Story of the Non-traditional Students in the 21st Century. Poster presented at the annual meeting of the *Association for Education, Finance, and Policy*. Washington D.C.
- 2016 Nguyen, T.D. & Hunter, S. (2016) Towards an Understanding of Dynamics Surrounding Professional Development Designed, Facilitated, and Evaluated by

Teacher Leaders. Paper to be presented at the annual meeting of the *University Council for Educational Administration*, Detroit, Michigan.

Cannata, M. & Nguyen, T.D. (2016) Consensus versus Concreteness: Tensions in Designing for Scale. Paper to be presented at the annual meeting of the *University Council for Educational Administration*, Detroit, Michigan.

Nguyen, T.D. (2016) Social Reproduction in Vietnam: Educational Attainment, Employment, and Skills Usage. Paper presented at the annual meeting of the *American Educational Research Association*, Washington, D.C.

Cannata, M., Engel, M., Nguyen, T.D., & Curran, F.C. (2016) Teacher Involvement in Hiring: Changes over Time. Paper presented at the annual meeting of the *American Educational Research Association*, Washington, D.C.

Nguyen, T.D. & Hunter, S. (2016) Towards an Understanding of Dynamics Surrounding Professional Development Designed, Facilitated, and Evaluated by Teacher Leaders. Paper presented at the annual meeting of the *American Educational Research Association*, Washington, D.C.

Rubin, M., Nguyen, T.D., & Cannata, M. (2016) The Influence and Development of Capital for Teacher Leadership. Paper presented at the annual meeting of the *American Educational Research Association*, Washington, D.C.

Cannata, M., Redding, C., & Nguyen, T.D. (2016) Building Student Ownership and Responsibility: Outcomes from the first year of implementation. Paper presented at the annual meeting of the *American Educational Research Association*, Washington, D.C.

Cannata, M., Nguyen, T.D., & Redding, C. (2016) It's not the Stuff, It's the Staff: The Process of Scaling In to a School. Paper presented at the annual meeting of the *American Educational Research Association*, Washington, D.C.

Evans, B.J. & Nguyen, T.D. (2016) The Impact of Pell Grant Eligibility on College Persistence: An Application of Regression Discontinuity Design. Paper presented at the annual meeting of the *Association for Education, Finance, and Policy*. Denver, Colorado.

Nguyen, T.D. & Hunter, S. (2016) Towards an Understanding of Dynamics Surrounding Professional Development Designed, Facilitated, and Evaluated by Teacher Leaders. Paper presented at the annual meeting of the *Association for Education, Finance, and Policy*. Denver, Colorado.

Cannata, M., Redding, C., & Nguyen, T.D. (2016) Building Student Ownership and Responsibility: Outcomes from the first year of implementation. Paper presented at the annual meeting of the *Association for Education, Finance, and Policy*. Denver, Colorado.

2015 Rubin, M., Nguyen, T.D., & Cannata, M. (2015) The Influence and Development of Capital for Teacher Leadership. Paper presented at the annual meeting of the *University Council for Educational Administration*. San Diego, CA.

Cannata, M. & Nguyen, T.D. (2015) Consensus versus Concreteness: Tensions in Designing for Scale. Paper presented at the annual meeting of the *American Educational Research Association*, Chicago, IL.

Nguyen, T.D. (2015) The Conceptualization of Problem-Solving: Academic Literature, PISA and TIMSS. Paper presented at the annual meeting of the *Comparative and International Education Society*, Washington, D.C.

MEDIA MENTIONS

Texas Public Radio: [Master Teacher Program](#)
Education Week: [Changes in STEM Teachers](#)
U.S. News & World Report: [Teacher bonuses boost student outcomes slightly](#)
Peabody: [Trump's First 100 Days and the Impact on Education](#)
Education Week: [Merit Pay for Teachers Can Lead to Higher Test Scores for Students](#)
The Atlanta Journal Constitution: [Study finds merit pay for teachers could have merit](#)
The Chalkbeat: [Teacher merit pay has merit when it comes to student scores](#)
Local news: [Vanderbilt study shows merit pay for teachers pays off for students](#)
Blue Grass Institute: [Vanderbilt study: Merit pay for teachers improves student performance](#)
Wisconsin Public Radio: [Report Shows Benefits to Teacher Merit Pay](#)

HONORS AND AWARDS

2018 American Enterprise Institute: Emerging Education Policy Scholars
2016-2018 UCEA Jackson Scholar
2014-2018 Provost Graduate Fellowship, Vanderbilt University
2002-2006 Undergraduate awards: OU Regent Scholar; McNair scholar; Arthur Frederick Bernhart scholarship; J. Clarence Karcher scholarship; National Society of Collegiate Scholars merit award

RESEARCH EXPERIENCE

2015-2018 Research Assistant to Brent Evans
Vanderbilt University, Nashville, TN

2013-2015 Research Assistant for the National Center on Scaling Up Effective Schools
Vanderbilt University, Nashville, TN

Summer 2007 Research Assistant to Jere Confrey
Washington University in St. Louis, St. Louis, MO

TEACHING EXPERIENCE

Spring 2016 Teaching assistant to Dr. Carolyn Heinrich
Economics of Education (Graduate Seminar)
Vanderbilt University, Nashville, TN

Fall 2015 Teaching assistant to Dr. Brent Evans
Research Design and Data Analysis I (Graduate Course)
Vanderbilt University, Nashville, TN

2008-2013 Middle and High School Mathematics Teacher
John Burroughs School. St. Louis, MO

2009-2011 High School Teacher
Aim High Summer Enrichment Program, St. Louis, MO

2006-2008 High School Mathematics Teacher
Block Yeshiva High School, St. Louis, MO

ADVISING

2019 CHANH LAM, JESSICA POPESCU, LYNN (UNMI) VASQUEZ
HONORS PROJECT KATIE ANDREWS AND SONORA SHELDON

SELECTED PRE-DOCTORAL PROFESSIONAL LEADERSHIP EXPERIENCES

2010-2013 Co-Leader, Diversity Subcommittee on Curriculum and Delivery
John Burroughs School, St. Louis, MO

2010-2013 Member, Faculty and Staff Diversity Steering Committee
John Burroughs School, St. Louis, MO

UNIVERSITY AND PROFESSIONAL SERVICE

2019-present Reviewer for the Journal of Higher Education (JHE)
2017-present Reviewer for the Research Foundation of the City University of New York
(RFCUNY) Peer Review Program
2017-present Reviewer for American Educational Research Association conference (AERA)
2016-present Reviewer for American Educational Research Journal (AERJ)
2016-present Reviewer for Journal of Educational Psychology (JEP)
2016-2018 NCES/IES Secure data room administrator
2014-2017 ExpERT coordinator, Vanderbilt University
2013-2014 Assistant to Ron Zimmer (peer-review process EEPA)

PROFESSIONAL AFFILIATIONS

American Educational Research Association (AERA)
Association for Education Finance and Policy (AEFP)
University Council for Educational Administration (UCEA)
Comparative and International Education Society (CIES)

STATISTICAL/ANALYTIC SOFTWARE

STATA, R, SAS, SPSS, Nvivo, LISREL

REFERENCES

Brent Evans

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Vanderbilt University
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Peabody Mail Box #414
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Matthew Springer

Robena and Walter E. Hussman Jr. Distinguished Professor in Education Reform
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Joseph Murphy

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Marisa Cannata

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Mimi Engel

Associate Professor of Research and Evaluation Methodology
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Will Doyle

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