

# TUTRANG NGUYEN

Curry School of Education & Human Development  
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## EDUCATION

- 2018      **Ph.D. Education**, University of California, Irvine  
Dissertation: Promoting School Readiness with Preschool Curricula  
Committee: Greg Duncan (chair), Deborah Vandell, Jade Jenkins, Stephanie Reich
- 2016      **M.A. Education**, University of California, Irvine
- 2013      **B.A. Mathematics and Liberal Studies**, with Honors, University of California, Riverside

## POSITIONS

- 2018 -      **Institute of Education Sciences (IES) Postdoctoral Fellow**  
Present      Center for Advanced Study of Teaching and Learning (CASTL) & EdPolicyWorks Research  
Affiliate, Curry School of Education & Human Development, University of Virginia  
Mentors: Robert C. Pianta & Daphna Bassok

## PUBLICATIONS

### Peer-Reviewed Journal Articles

- Pianta, R.C., Hamre, B.K., & **Nguyen, T.** (In press). Measuring and improving quality in early care and education. *Early Childhood Research Quarterly*.
- Nguyen, T.**, Reich, S.M., Jenkins, J.M., & Abedi, J. (2019). Psychometric validation and reorganization of the Desired Results Developmental Profile. *Journal of Psychoeducational Assessment*. Advance online publication. doi: 10.1177/0734282919859804
- Jenkins, J.M., Whitaker, A.A., **Nguyen, T.**, & Yu, W. (2019). Distinctions without a difference? Preschool curricula and children's development. *Journal of Research on Educational Effectiveness*, 12(3), 514-549.
- Nguyen, T.**, Duncan, R.J., & Bailey, D.H. (2019). Theoretical and methodological implications of associations between executive function and mathematics in early childhood. *Contemporary Educational Psychology*, 58(3), 276-287.
- Nguyen, T.** & Duncan, G.J. (2019). Kindergarten components of executive functions and third grade achievement: A national study. *Early Childhood Research Quarterly*, 46(1), 49-61.
- Nguyen, T.**, Jenkins, J.M., & Whitaker, A.A. (2018). Are targeted curricula differentially effective in Head Start or state pre-k classrooms? *AERA Open*, 4(2), 1-17.
- Schenke, K., **Nguyen, T.**, Watts, T.W., Sarama, J., & Clements, D.H. (2017). Differential effects of the classroom on African American and non-African American's mathematics achievement. *Journal of Educational Psychology*, 109(6), 794-811.

Casasola, T., Schenke, K., **Nguyen, T.**, & Warschauer, M. (2017). Can flipping the classroom work? Evidence from undergraduate chemistry. *International Journal of Teaching and Learning in Higher Education*, 29(3), 421-435.

**Nguyen, T.**, Watts, T.W., Duncan, G.J., Clements, D.H., Sarama, J.S., Wolfe, C., & Spitzer, M.E. (2016). Which preschool mathematics competencies are most predictive of fifth grade achievement? *Early Childhood Research Quarterly*, 36(3), 550-560.

Bailey, D.H., **Nguyen, T.**, Jenkins, J. M., Domina, T., Clements, D.H., & Sarama, J.S. (2016). Fadeout in an early mathematics intervention: Constraining content or preexisting differences? *Developmental Psychology*, 52(9), 1457-1469.

Reimer, L. C., Schenke, K., **Nguyen, T.**, O'Dowd, D.K., Domina, T., & Warschauer, M. (2016). Evaluating promising practices in undergraduate STEM lecture courses. *RSF: The Russell Sage Foundation Journal of the Social Sciences*, 2(1), 212-233.

### Book Chapters

**Nguyen, T.**, Duncan, G.J., & Jenkins, J.M. (2019). Boosting school readiness with preschool curricula. In Reynolds, A.J. & Temple, J.A. (Eds.), *Sustaining Early Childhood Learning Gains: Program, School, and Family Influences* (pp. 74-100). Cambridge, UK: Cambridge University Press.

Reimer, L., Nili, A., **Nguyen, T.**, Domina, T., & Warschauer, M. (2015). Clickers in the wild: A campus-wide study of student response systems. In Weaver, G. C., Burgess, W. D., Childress, A. L., & Slakey, L. (Eds.), *Transforming institutions: Undergraduate STEM education for the 21st century* (pp. 383-398). West Lafayette, IN: Purdue University Press.

### Under Review

**Nguyen, T.**, Li, W., Duncan, G.J., Schindler, H.S., Yoshikawa, H., Magnuson, K., & Ziol-Guest, K.M. Impacts of preschool curricula on academic achievement: A meta-analytic review. Second revision requested, *Child Development*.

**Nguyen, T.**, Ansari, A., Pianta, R.C., Whittaker, J.E., Vitiello, V.E., & Ruzek, E.A. The classroom relational environment and children's early development in preschool. Minor revisions, *Social Development*.

**Nguyen, T.** Skill-specific preschool curriculum interventions: Examining treatment effect heterogeneity with distributional methods. Revisions requested, *Developmental Psychology*.

Jenkins, J.M. & **Nguyen, T.** Keeping kids in care: What makes a difference in state CCDF policy? *Under review*. Working paper available at: <https://edworkingpapers.org/sites/default/files/ai19-121.pdf>.

### In Preparation

**Nguyen, T.** & Bassok, D. Do ratings of classroom quality depend on what activity or subject is observed?

**Nguyen, T.** High Scope curriculum implementation in Head Start classrooms: A qualitative evaluation.

Atteberry, A., **Nguyen, T.**, Bassok, D., & Wong, V. Experimental impacts of full-day preschool on families.

Watts, T.W., **Nguyen, T.**, Carr, R., Vernon-Feagans, L., & Blair, C. Examining the effects of high-quality classroom instruction on cognitive and behavioral outcomes using models of within-child change.

## RESEARCH GRANTS

2016-18 U.S. Department of Health and Human Services, Administration for Children and Families, Child Care Research Scholars Dissertation Grant. Promoting School Readiness with Preschool Curricula: A Mixed-Methods Study. Grant Number 90YE0184, \$49,990 (Principal Investigator).

## AWARDS & HONORS

2013-18 Eugene Cota-Robles Fellowship, University of California, Irvine  
2013 Graduate Study Award, Phi Beta Kappa Alumni of Southern California  
2013 Phi Beta Kappa, University of California, Riverside  
2013 Undergraduate Education Research Training Fellowship, AERA  
2012-13 Rosemary S.J. Schraer Endowed Scholarship, University of California, Riverside  
2012 Summer Undergraduate Research Fellowship, University of California, Irvine

## INVITED TALKS

**Nguyen T.** (February 2018). Skill-specific preschool curriculum interventions: Examining treatment effect heterogeneity with distributional methods. Curry School of Education & Human Development, University of Virginia.

**Nguyen T.** (January 2018). Promoting children's school readiness with preschool curricula. Department of Child, Youth and Family Studies & Institute of Agriculture and Natural Resources, University of Nebraska, Lincoln.

**Nguyen T.** (December 2017). Skill-specific preschool curriculum interventions: Examining treatment effect heterogeneity with distributional methods. Neuroscience and Education Lab, Institute of Human Development and Social Change, New York University.

## CONFERENCE PRESENTATIONS

Atteberry, A., **Nguyen, T.**, Bassok, D., & Wong, V. (November 2019). Experimental impacts of full-day preschool on families. Association for Public Policy Analysis and Management, Denver, CO.

**Nguyen, T.**, Ansari, A., Pianta, R.C., Whittaker, J.E., Vitiello, V.E., & Ruzek, E.A. (March 2019). Classroom interactions, teacher-child relationships, and children's early learning in preschool. Society for Research in Child Development, Baltimore, MD.

**Nguyen, T.**, Duncan, R.J., & Bailey, D.H. (March 2019). Theoretical and methodological implications of associations between executive function and mathematics in early childhood. Society for Research in Child Development, Baltimore, MD.

**Nguyen, T.** (October 2018). Skill-specific preschool curriculum interventions: Examining treatment effect heterogeneity with distributional methods. Society for Research in Child Development Special Topic Meeting on Use of Secondary and Open Source Data in Developmental Science, Phoenix, AZ.

**Nguyen, T.** (June 2018). Skill-specific preschool curriculum interventions: Examining treatment effect heterogeneity with distributional methods. National Research Conference on Early Childhood, Arlington, VA.

- Nguyen, T.** (April 2018). Impacts of targeted and global preschool curricula on children's school readiness: A meta-analytic review. American Educational Research Association Annual Meeting, New York, NY.
- Nguyen, T.** (November 2017). Distributional impacts of academically targeted curricula. Association for Public Policy Analysis and Management, Chicago, IL.
- Nguyen, T.** (April 2017). Distributional impacts of academically targeted curricula. Society for Research in Child Development, Austin, TX.
- Jenkins, J.M. & **Nguyen, T.** (April 2017). Keeping kids in care: What makes a difference in state CCDF policy? Society for Research in Child Development, Austin, TX.
- Jenkins, J.M. & **Nguyen, T.** (November 2016). Keeping kids in care: What makes a difference in state CCDF policy? Association for Public Policy Analysis and Management, Washington, DC.
- Nguyen, T.** (November 2016). Assessing children's growth in school readiness by preschool curricula type. Association for Public Policy Analysis and Management, Washington, DC.
- Nguyen, T.** (April 2016). Contributions of executive functions to first grade achievement: A national study. American Educational Research Association Annual Meeting, Washington, DC.
- Jenkins, J.M., Auger, A., Yu, W., & **Nguyen, T.** (November 2015). Distinctions without a difference? Preschool curricula and children's development. Association for Public Policy Analysis and Management, Miami, FL.
- Nguyen, T.,** Jenkins, J. M., Auger, A., & Domina, T. (November 2015). Comparing the effectiveness of targeted curricula in Head Start and public pre-K classrooms. Association for Public Policy Analysis and Management, Miami, FL.
- Nguyen, T.,** Jenkins, J. M., Auger, A., & Domina, T. (March 2015). Comparing the effectiveness of targeted curricula in Head Start and public pre-K classrooms. Society for Research on Educational Effectiveness, Washington, DC.
- Nguyen, T.,** Watts, T.W., & Duncan, G.J. (March 2015). Which specific preschool mathematics skills predict later mathematics achievement? Society for Research on Educational Effectiveness, Washington, DC.

## RESEARCH EXPERIENCE

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|------------------|--|
| 2018-<br>Present | Postdoctoral Researcher<br><i>Building an effective PK-3 education system: Actionable aspects of policies, programs, schools, and classroom processes that promote children's learning in the nation's 11th largest school district</i><br>Part of the IES Early Learning Network<br>University of Virginia (PI: Bob Pianta) |
| 2016-17          | Graduate Student Researcher<br><i>Making Orange County Head Start more effective: A researcher-practitioner partnership to improve school readiness for low-income children</i><br>University of California, Irvine (PIs: Stephanie Reich & Jade Jenkins)  |

- 2016 Graduate Student Researcher  
*Child care subsidies and state-level policies*  
University of California, Irvine (PI: Jade Jenkins)
- 2014-15 Graduate Student Researcher  
*Early childhood mathematics skills*  
University of California, Irvine (PI: Greg Duncan)
- 2013-14 Graduate Student Researcher  
*Documenting instructional practices in STEM lecture courses*  
University of California, Irvine (PIs: Mark Warschauer & Thad Domina)
- 2012 Visiting Undergraduate Student Researcher  
*State-level education standards for school-based substance use prevention programs*  
University of California, Irvine (Mentor: Thad Domina)

## **TEACHING EXPERIENCE**

### **University of California, Irvine**

- 2017 Applied Regression (Graduate level, Spring 2017)  
Teaching Assistant & Lab Instructor  
Average student rating: 3.95/4
- 2015 Education Research Design (Winter 2015)  
Teaching Assistant  
Average student rating: 3.81/4
- 2015-16 21st Century Literacies (Summer 2015, 2016)  
Teaching Assistant  
Average student rating: 8.22/10, 8.19/10

## **SERVICE**

### **Journal Reviewer**

*AERA Open*  
*Developmental Psychology*  
*Early Childhood Research Quarterly*  
*Journal of Children and Poverty*  
*Journal of Research on Educational Effectiveness*  
*Learning and Individual Differences*  
*Learning and Instruction*

### **Conference Reviewer**

- 2019 Society for Research on Educational Effectiveness Spring Conference  
2019 American Educational Research Association Annual Meeting  
2018 Society for Research in Child Development Biennial Meeting

### **Grant Reviewer**

- 2018 Administration for Children and Families, U.S. Department of Health and Human Services

## University Service

- 2019 Research Mentor, Summer Undergraduate Research Program, University of Virginia
- 2016-18 Advisory Board Member, Graduate Resource Center, University of California, Irvine
- 2016-17 Ph.D. Admissions Committee, Graduate Student Representative, University of California, Irvine School of Education
- 2016-17 Co-chair, Diverse Educational Community and Doctoral Experience (DECADE), University of California, Irvine School of Education
- 2015-17 Elected cohort representative, Association of Doctoral Students in Education, University of California, Irvine School of Education
- 2014-16 Graduate Student Mentor, DECADE Competitive Edge Program and Summer Undergraduate Research Fellowship Program, University of California, Irvine Graduate Division

## Professional Affiliations

- American Educational Research Association
- Association for Public Policy Analysis and Management
- Child Care and Early Education Policy Research Consortium
- Society for Research in Child Development
- Society for Research on Educational Effectiveness

## OTHER EXPERIENCE

- 2012 Course Reader, University of California, Riverside Graduate School of Education
- 2012-13 Mentor Tutor, University of California, Riverside Academic Resource Center
- 2010-13 Mathematics Tutor, University of California, Riverside Academic Resource Center
- 2011 Policy Intern, America's Promise Alliance, Washington, DC
- 2011 GED Mathematics Tutor, Young Women's Christian Association, Washington, DC
- 2010-11 AmeriCorps Mathematics Tutor, University of California, Riverside

## ADDITIONAL TRAINING & CERTIFICATIONS

- 2019 Summer Research Institute on Cluster-Randomized Trials, IES & Northwestern University, Evanston, IL
- 2019 Economic Evaluation and Cost-Effectiveness Analysis, IES-funded Virginia Education Science Training Program, Charlottesville, VA
- 2019 Statistical Mediation, Moderation, and Conditional Process Analysis, IES-funded Virginia Education Science Training Program, Charlottesville, VA
- 2017 Introduction to the High Scope Curriculum for Preschool Teachers, High Scope Educational Research Foundation, Ypsilanti, MI
- 2017 ICPSR Summer Program Short Course on Qualitative Research Methods, Odum Institute at the University of North Carolina, Chapel Hill, Chapel Hill, NC
- 2017 Classroom Assessment Scoring System (CLASS), Teachstone Observer Reliability Training for Preschool, Santa Monica, CA
- 2013 California Basic Educational Skills Test (CBEST)