Student Research Projects Employing Data from the North Carolina Education Research Data Center

Completed Projects:

**Minority Achievement Gap**

PI Name: Arons, R.
Institution: University of Rochester
Position: Doctoral Candidate
Project Title: The effects of race-based achievement goals on achievement
Completed: 2014

PI Name: Daniels, B.
Institution: Capella University
Position: Student
Project Title: Black male teachers’ effects on the academic achievement of black male student in Guilford
Completed: 2010

PI Name: Harris, M.
Institution: Duke University
Position: Senior Honors Thesis
Project Title: Implications of segregation in public high schools
Completed: 2008

PI Name: Nash, W.
Institution: North Carolina Agricultural & Technical State University
Position: Doctoral Candidate, Education
Project Title: Multicultural efficacy and student achievement
Completed: 2008

PI Name: Cook, D.
Institution: University of North Carolina at Chapel Hill
Position: Doctoral Candidate
Project Title: Breaking the silence: Models of effective African American teachers of Latino students
Completed: 2007

PI Name: DuBuisson, E.
Institution: Duke University
Position: MPP Candidate
Project Title: Designing realistic policy options for increasing diversity in NC elementary schools
Completed: 2007
**Minority Achievement Gap (cont.)**

<table>
<thead>
<tr>
<th>PI Name</th>
<th>Institution</th>
<th>Position</th>
<th>Project Title</th>
<th>Completed</th>
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<tbody>
<tr>
<td>Eatmon, D.</td>
<td>University of North Carolina at Chapel Hill</td>
<td>Doctoral Candidate</td>
<td>Breaking all the rules: Portraits of mathematically successful African American students</td>
<td>2007</td>
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<tr>
<td>Watkins, S. J.</td>
<td>George Mason University</td>
<td>Doctoral Candidate</td>
<td>School type and the minority-white achievement gap: Do charter schools make a difference?</td>
<td>2007</td>
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<tr>
<td>Woods, T.</td>
<td>University of North Carolina at Chapel Hill</td>
<td>Doctoral Candidate</td>
<td>The African American healthy development project</td>
<td>2007</td>
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<tr>
<td>Eisenstein, M.</td>
<td>Duke University</td>
<td>Senior Honors Thesis</td>
<td>The access to gifted education for North Carolina minority students in context of the No Child Left Behind Act of 2001</td>
<td>2006</td>
</tr>
<tr>
<td>Watkins, S. J.</td>
<td>George Mason University</td>
<td>Doctoral Candidate</td>
<td>The effect of charter schools on academic achievement and achievement gaps</td>
<td>2006</td>
</tr>
<tr>
<td>Diette, T.</td>
<td>University of North Carolina at Chapel Hill</td>
<td>Doctoral Candidate</td>
<td>The algebra obstacle: Access, race and the math achievement gap</td>
<td>2005</td>
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</table>
**Minority Achievement Gap (cont.)**

PI Name: Moore, J.  
Institution: University of North Carolina at Chapel Hill  
Position: Doctoral Candidate  
Project Title: How academic history and school context influence emergent ethnic and academic identities in African American students  
Completed: 2004

PI Name: Williams, S.  
Institution: University of North Carolina at Chapel Hill  
Position: Doctoral Candidate  
Project Title: The academic achievement gap: Linkages among behavioral social, and academic competencies  
Completed: 2004

**Teacher Quality and Student Outcomes**

PI Name: Cooke, A.  
Institution: University of Connecticut  
Position: Doctoral Candidate  
Project Title: Teacher quality and unemployment  
Completed: 2017

PI Name: Smith, T.  
Institution: Duke University  
Position: MPP Candidate  
Project Title: A-F school performance grades plus effects on teacher attrition and recruitment  
Completed: 2017

PI Name: Bibler, A.  
Institution: Michigan State University  
Position: Doctoral Candidate  
Project Title: Dual language classrooms and student learning  
Completed: 2016

PI Name: Hudson, S.  
Institution: Massachusetts Institute of Technology  
Position: Doctoral Candidate  
Project Title: Estimating the wage elasticity of teacher quality  
Completed: 2016

PI Name: Shi, Y.  
Institution: Duke University  
Position: Doctoral Candidate  
Project Title: The effects of science and math-oriented high schools  
Completed: 2016
### Teacher Quality and Student Outcomes (cont.)

<table>
<thead>
<tr>
<th>PI Name</th>
<th>Institution</th>
<th>Position</th>
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<tr>
<td>Bates, M. D.</td>
<td>Michigan State</td>
<td>Doctoral Candidate</td>
<td>Essays on asymmetric employer learning and the economics of education</td>
<td>2015</td>
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<td>Burkhauser, S.</td>
<td>RAND Graduate School</td>
<td>Doctoral Candidate</td>
<td>Staffing and retaining high school principals in Ohio and NC</td>
<td>2015</td>
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<td>Horoi, I.</td>
<td>University of Illinois at Chicago</td>
<td>Doctoral Candidate</td>
<td>Teachers, peers, and achievement</td>
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<td>Johnston, A.</td>
<td>University of Pennsylvania</td>
<td>Doctoral Candidate</td>
<td>Teacher compensation structure, teacher sorting, and student achievement</td>
<td>2015</td>
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<tr>
<td>McRae, J.</td>
<td>East Carolina University</td>
<td>Doctoral Candidate</td>
<td>An analysis of the effect of teacher characteristics on student achievement</td>
<td>2015</td>
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<td>Duque, M.</td>
<td>University of Southern California</td>
<td>Doctoral Candidate</td>
<td>The effect of teacher assignment on school effectiveness</td>
<td>2014</td>
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<td>Foy Romano, T.</td>
<td>Duke University</td>
<td>Doctoral Candidate</td>
<td>Assessing the effects of student absences on test scores</td>
<td>2014</td>
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Teacher Quality and Student Outcomes (cont.)

PI Name: Jinnai, Y.
Institution: University of Rochester
Position: Ph.D. Student
Project Title: The effects of school competition on student outcomes and neighborhood communities
Completed: 2014
Funded By: Department of Economics, University of Rochester

PI Name: Mahler, P.
Institution: University of Virginia
Position: Doctoral Candidate
Project Title: Incentives for teacher retention and retirement
Completed: 2014

PI Name: Mansfield, R.
Institution: Yale University
Position: Doctoral Candidate
Project Title: Teacher quality and student inequality
Completed: 2014

PI Name: Duch, K.
Institution: Duke University
Position: Doctoral Candidate
Project Title: Analyzing the effect of Mooresville Graded School District's Digital Conversion Initiative
Completed: 2013

PI Name: Hoffman, M.
Institution: University of California at Berkeley
Position: Doctoral Candidate
Project Title: Teacher turnover revisited and the educational consequences of incarceration
Completed: 2012

PI Name: Jinnai, Y.
Institution: University of Rochester
Position: Ph.D. Student
Project Title: The impact of teacher performance pay on student achievement: a regression discontinuity approach
Completed: 2012

PI Name: Li, D.
Institution: Massachusetts Institute of Technology
Position: Doctoral Candidate
Project Title: Performance, preferences, and allocation in the market for school principals and teachers
Completed: 2012
Teacher Quality and Student Outcomes (cont.)

PI Name: Mansfield, R.
Institution: Yale University
Position: Doctoral Candidate
Project Title: A structural equilibrium model of the teacher labor market
Completed: 2012

PI Name: Aucejo, E.
Institution: Duke University
Position: Doctoral Candidate
Project Title: Assessing the role of teacher-student interactions.
Completed: 2011

PI Name: Macartney, H.
Institution: University of Toronto
Position: Doctoral Candidate
Project Title: Motivated agents in education: The impact of accountability reforms on teacher effort and sorting
Completed: 2011

PI Name: Mehta, N.
Institution: University of Pennsylvania
Position: Doctoral Candidate
Project Title: Competition in public school districts: Charter school entry, student sorting, and school input determination
Completed: 2011

PI Name: Cook, J.
Institution: University of North Carolina at Chapel Hill
Position: Doctoral Candidate
Project Title: Determinants of teacher sorting in public school systems
Completed: 2010

PI Name: O’Connor, D.
Institution: Duke University
Position: Student, Master’s Thesis
Project Title: An exploration of the relationship between teacher turnover and school safety in NC secondary schools
Completed: 2009

PI Name: Carruthers, C.
Institution: University of Florida
Position: Doctoral Candidate
Project Title: Faculty composition and student achievement in charter schools
Completed: 2009
**Teacher Quality and Student Outcomes (cont.)**

PI Name: Carruthers, C.  
Institution: University of Florida  
Position: Doctoral Candidate  
Project Title: Staffing charter schools  
Completed: 2007

PI Name: Carruthers, C.  
Institution: University of Florida  
Position: Doctoral Candidate  
Project Title: Teacher mobility and classroom characteristics  
Completed: 2007

PI Name: Hanawalt, E.  
Institution: Duke University  
Position: Student, Master’s Thesis  
Project Title: Teacher bonuses at Hillside and Southern High Schools  
Completed: 2007

PI Name: Jackson, C. K.  
Institution: Harvard University  
Position: Doctoral Candidate  
Project Title: The determinants of teacher mobility and retention: The impact of student demographics  
Completed: 2007

PI Name: Silver, K.  
Institution: Western Carolina University  
Position: Doctoral Candidate  
Project Title: The effect of the National Board for Professional Teaching Standards on successful candidates’ teaching effectiveness: Does achieving certification make a difference in student achievement?  
Completed: 2007

PI Name: Turner, H. C.  
Institution: University of North Carolina at Chapel Hill  
Position: Doctoral Candidate  
Project Title: Predictors of teachers’ job satisfaction in urban middle schools  
Completed: 2007

PI Name: White, C.  
Institution: East Carolina University  
Position: Doctoral Candidate  
Project Title: The effect of teacher certification on student achievement in high school Algebra I in North Carolina  
Completed: 2007
**Teacher Quality and Student Outcomes (cont.)**

PI Name: Wheeler, J.  
Institution: Duke University  
Position: Student, Master’s Thesis  
Project Title: Examining principal effectiveness and principal distribution in North Carolina  
Completed: 2006

PI Name: Maniloff, A.  
Institution: East Carolina University  
Position: Doctoral Candidate  
Project Title: High school size and perceptions of teacher working conditions  
Completed: 2004

PI Name: Yun, T.  
Position: Student, Master’s Thesis  
Project Title: With the goal of making data-driven improvements to teacher working conditions: How can SECTQ design strategies for their working conditions toolkit?  
Completed: 2004

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**The Academic Performance of At-Risk Children**

PI Name: Murr, N.  
Institution: North Carolina State University  
Position: Doctoral Candidate  
Project Title: Evaluating the external validity of special education disability groups  
Completed: 2015

PI Name: Lindsey, D., & Elliott, T.  
Institution: Duke University  
Position: Undergraduate Student Researchers  
Project Title: Early identification of students at-risk for high school dropout  
Completed: 2014

PI Name: Agostino, R.  
Institution: Duke University  
Position: Student, Honors Thesis  
Project Title: Neighborhood effects and school performance: The impact of public housing demolitions on children in North Carolina  
Completed: 2011

PI Name: Parker, J.  
Institution: North Carolina State University  
Position: Doctoral Candidate  
Project Title: The use of large scale assessment data to investigate special education effectiveness  
Completed: 2010
**PI Name:** Ewing, K.  
**Institution:** North Carolina State University  
**Position:** Doctoral Candidate  
**Project Title:** Estimating the effectiveness of special education using large-scale assessment data  
**Completed:** 2009

**PI Name:** Santillano, R.  
**Institution:** University of California, Berkeley  
**Position:** Doctoral Candidate  
**Project Title:** Essays on immigrant students in public schools – Evidence from North Carolina  
**Completed:** 2009

**PI Name:** Zota, R.  
**Institution:** Duke University  
**Position:** Student, Master’s Thesis  
**Project Title:** Ninth grade small learning communities: A panacea to low achievement?  
**Completed:** 2009

**PI Name:** Phillip, L.  
**Institution:** Duke University  
**Position:** Graduate Student  
**Project Title:** What approach should the children’s law clinic take for long-term suspended students?  
**Completed:** 2008

**PI Name:** Roukema, R.  
**Institution:** North Carolina State University  
**Position:** Doctoral Candidate  
**Project Title:** The impact of the Support Our Students (SOS) After School Program on the achievement of middle grade students at-risk of academic failure  
**Completed:** 2005

**PI Name:** Johnson, S.  
**Institution:** Duke University  
**Position:** Student, Master’s Thesis  
**Project Title:** Partnering for success: A program evaluation of the Duke-Durham Partnership  
**Completed:** 2004
**Problem Behavior in Schools**

PI Name: Li, C.
Institution: University of North Carolina-Chapel Hill
Position: Doctoral Candidate
Project Title: Juvenile delinquency and efficient school discipline design
Completed: 2016

PI Name: Francis, D.
Institution: Duke University
Position: Student
Project Title: Bias or behavior? Using differences in perceived and reported tardiness and absenteeism to identify biases in teacher perceptions of student behavior
Completed: 2013

PI Name: Cook, J.
Institution: University of North Carolina at Chapel Hill
Position: Doctoral Candidate, Economics
Project Title: The effect of previously developed peer groups on academic achievement in North Carolina public schools
Completed: 2012

PI Name: Kang, S.
Institution: Duke University
Position: Doctoral Candidate
Project Title: The impact of social interactions in classrooms and neighborhoods on youth behavior
Completed: 2012

PI Name: Kinsler, J.
Institution: Duke University
Position: Doctoral Candidate
Project Title: Racial disparities in school discipline: Racism or rational choice?
Completed: 2007

PI Name: King, G.
Institution: Duke University
Position: Student, Master’s Thesis
Project Title: Examining and addressing rising suspension rates in North Carolina middle schools
Completed: 2004
School Accountability and Choice

PI Name: Taylor, C.
Institution: North Carolina State University
Position: Doctoral Candidate
Project Title: How high school type and factors affect students’ predisposition to college degree completion
Completed: 2016

PI Name: Shirrell, M.
Institution: Northwestern University
Position: Doctoral Candidate
Project Title: The effect of school accountability on student-teacher matching
Completed: 2015

PI Name: Ruggles, L.
Institution: Appalachian State
Position: Doctoral Candidate
Project Title: Characteristics of teachers and student outcomes in early colleges and selected high schools
Completed: 2013

PI Name: Jinnai, Y.
Institution: University of Rochester
Position: Ph.D. Student
Project Title: Who benefits from school choice? School competition, student sorting, and spillover effects
Completed: 2011

PI Name: Martinez, E.
Institution: Duke University
Position: Doctoral Candidate
Project Title: Academic performance or growth - what parents value most
Completed: 2011

PI Name: Martinez, E.
Institution: Duke University
Position: Doctoral Candidate
Project Title: Essays on the impact of school accountability in North Carolina on the achievement gap and teacher mobility
Completed: 2011
<table>
<thead>
<tr>
<th>PI Name</th>
<th>Project Title</th>
<th>Institution</th>
<th>Position</th>
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<tbody>
<tr>
<td>Solomon, P.</td>
<td>Does holding schools accountable for dropout rates have an impact on students dropping out?</td>
<td>Brown University</td>
<td>Doctoral Candidate</td>
<td>2011</td>
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<tr>
<td>Martinez, E.</td>
<td>Do housing prices account for school accountability?</td>
<td>Duke University</td>
<td>Doctoral Candidate</td>
<td>2010</td>
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<tr>
<td>King, G.</td>
<td>Did North Carolina Local Education Agencies (LEAs) that offered students the option to attend Learn and Earn high schools improve student outcomes?</td>
<td>Duke University</td>
<td>Student, Master’s Thesis</td>
<td>2009</td>
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<tr>
<td>Baxter, A.</td>
<td>Smart choices: The creation of a Decision Support System for parents eligible to exit a substandard school under No Child Left Behind</td>
<td>University of North Carolina at Charlotte</td>
<td>Doctoral Candidate</td>
<td>2008</td>
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<tr>
<td>Peterson, M.</td>
<td>Longitudinal effects of middle college</td>
<td>University of North Carolina at Chapel Hill</td>
<td>Doctoral Candidate, Educational Psychology</td>
<td>2008</td>
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<tr>
<td>Jones-Sanpei, H.</td>
<td>School choice, segregation, and academic outcomes: Educational trajectories under a controlled choice student assignment policy</td>
<td>University of North Carolina at Chapel Hill</td>
<td>Doctoral Candidate</td>
<td>2006</td>
</tr>
</tbody>
</table>
School Accountability and Choice (cont.)

PI Name: Weingarth, G.
Institution: Harvard University
Position: Senior Honors Thesis
Project Title: Concentration of poverty and student achievement
Completed: 2005

PI Name: Southworth, S.
Institution: University of North Carolina at Charlotte
Position: Student, Master’s Thesis
Project Title: Consequences of the end of race-based student assignment in the Charlotte-Mecklenburg schools
Completed: 2004

Impact of Specific Policies on Student Outcomes

PI Name: Bauer, L.
Institution: Northwestern University
Position: Doctoral Candidate
Project Title: The effect of political campaigns on student achievement
Completed: 2016

PI Name: Becker, J.
Institution: Duke University
Position: MPP Candidate
Project Title: Evaluating the impact of universal breakfast in Durham public schools
Completed: 2016

PI Name: Hall, W., & Chapman, M.
Institution: University of North Carolina-Chapel Hill
Position: Doctoral Candidate
Project Title: The role of school context in implementing a statewide anti-bullying policy and protecting students
Completed: 2015

PI Name: Kurtz, M.
Institution: University of New Hampshire
Position: Doctoral Candidate
Project Title: Education production: Teacher evaluation models and weekend feeding programs
Completed: 2015

PI Name: McCourt, S. N.
Institution: Duke University
Position: Doctoral Student
Project Title: Impact of NC early childhood and CPS policies on resilience
Completed: 2015

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<table>
<thead>
<tr>
<th>PI Name</th>
<th>Institution</th>
<th>Position</th>
<th>Project Title</th>
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<tr>
<td>Yurekli, H.</td>
<td>Florida State University</td>
<td>Doctoral Candidate</td>
<td>The effect of population shifts on teacher VAM scores</td>
<td>2015</td>
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<td>Duch, K.</td>
<td>Duke University</td>
<td>Doctoral Candidate</td>
<td>Do political beliefs affect educational outcomes?</td>
<td>2014</td>
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<tr>
<td>Holbein, J.</td>
<td>Duke University</td>
<td>Doctoral Candidate</td>
<td>The effect of NCLB sanctions on non-cognitive student outcomes</td>
<td>2014</td>
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<tr>
<td>Lane, J.</td>
<td>University of North Carolina at Charlotte</td>
<td>Student, Master’s Thesis</td>
<td>Analysis of dropout trends in CMS</td>
<td>2014</td>
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<tr>
<td>Mattingly, A.</td>
<td>North Carolina State University</td>
<td>Doctoral Candidate</td>
<td>The Effects of Response to Intervention on Elementary School Academic Achievement and Learning Disability Identification</td>
<td>2014</td>
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<tr>
<td>Murr, N.</td>
<td>North Carolina State University</td>
<td>Doctoral Candidate</td>
<td>Achievement outcomes for students with disabilities under NCLB</td>
<td>2013</td>
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<tr>
<td>Tannenbaum, D.</td>
<td>University of Chicago</td>
<td>Doctoral Candidate</td>
<td>Student entry and exit from public schools</td>
<td>2013</td>
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<tr>
<td>Edwards, F.</td>
<td>University of Illinois at Urbana-Champaign</td>
<td>Doctoral Candidate, Economics</td>
<td>The effect of daily school start times on student performance</td>
<td>2011</td>
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</table>
**Impact of Specific Policies on Student Outcomes (cont.)**

<table>
<thead>
<tr>
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<th>Institution</th>
<th>Position</th>
<th>Project Title</th>
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<td>McFarland, J.</td>
<td>Duke University</td>
<td>MPP Candidate</td>
<td>Student U program evaluation</td>
<td>2011</td>
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<td>Nowell, D.</td>
<td>University of Virginia</td>
<td>Doctoral Candidate</td>
<td>Engagement in early college: Mediating academic achievement</td>
<td>2011</td>
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<td>Pilzer, S.</td>
<td>Duke University</td>
<td>Doctoral Candidate</td>
<td>Causes and consequences of school attendance boundary changes</td>
<td>2011</td>
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<td>Montoya, S.</td>
<td>RAND Graduate School</td>
<td>Doctoral Candidate</td>
<td>Analysis of the effect of high school placement practices on student’s outcomes: Isolating the impact on test scores and graduation in North Carolina</td>
<td>2010</td>
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<td>Presley, H.</td>
<td>Duke University</td>
<td>Student, Master’s Thesis</td>
<td>Effects of automated payment systems on free and reduced-price lunch take up</td>
<td>2010</td>
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<td>Whelan, K.</td>
<td>Cornell University</td>
<td>Doctoral Candidate</td>
<td>The effect of grading standards on educational outcomes</td>
<td>2010</td>
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<tr>
<td>Cordes, S.</td>
<td>Duke University</td>
<td>Student, Master’s Thesis</td>
<td>Effects of middle school tracking on student achievement</td>
<td>2009</td>
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### Impact of Specific Policies on Student Outcomes (cont.)

<table>
<thead>
<tr>
<th>PI Name</th>
<th>Strain, M.</th>
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<td>Position</td>
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<td>Project Title</td>
<td>Does single-sex matter? The effect of single-sex program on educational outcomes in North Carolina</td>
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<tr>
<th>PI Name</th>
<th>Nobles, A.</th>
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<td>Institution</td>
<td>East Carolina University</td>
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<td>Position</td>
<td>Doctoral Candidate</td>
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<tr>
<td>Project Title</td>
<td>Grade configuration and the achievement of 8th grade student on the NC EOG tests in reading and mathematics</td>
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<th>PI Name</th>
<th>Hatcher, G.</th>
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<td>Institution</td>
<td>University of North Carolina at Chapel Hill</td>
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<td>Position</td>
<td>MPA Student</td>
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<tr>
<td>Project Title</td>
<td>An unintended consequence: Are high performing students being negatively impacted by No Child Left Behind?</td>
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### Other Studies

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<tr>
<th>PI Name</th>
<th>Kurtz, M.</th>
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<tr>
<td>Institution</td>
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<td>Position</td>
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<tr>
<td>Project Title</td>
<td>Nutrition and cognition</td>
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<tr>
<th>PI Name</th>
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<td>Institution</td>
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<td>Position</td>
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<tr>
<td>Project Title</td>
<td>The role of career and technical education in HS graduation</td>
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<tr>
<th>PI Name</th>
<th>Khawand, C.</th>
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<td>Institution</td>
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<td>Position</td>
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<tr>
<td>Project Title</td>
<td>Peer effects in low achievement and problem behaviors: Evidence from random variation in high school dropouts</td>
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<th>Sorensen, L.</th>
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<td>Institution</td>
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<tr>
<td>Position</td>
<td>Graduate Student</td>
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<tr>
<td>Project Title</td>
<td>Classroom stratification and student persistence through high school</td>
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<td>Completed</td>
<td>2016</td>
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<th>PI Name</th>
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<tr>
<td>Tan, P. L.</td>
<td>Duke University</td>
<td>Doctoral Candidate</td>
<td>Impact of education on teenage motherhood and infant health</td>
<td>2016</td>
</tr>
<tr>
<td>Weber, S.</td>
<td>East Carolina University</td>
<td>Doctoral Candidate</td>
<td>Examining the reliability of middle school progress indicators and their potential for supporting the goal of college and career</td>
<td>2016</td>
</tr>
<tr>
<td>Burkhauser, S.</td>
<td>RAND Graduate School</td>
<td>Doctoral Candidate</td>
<td>Hello, Goodbye: Three perspectives on public school district staff turnover</td>
<td>2015</td>
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<tr>
<td>Duch, K.</td>
<td>Duke University</td>
<td>Doctoral Candidate</td>
<td>Do top scoring students serve as role models to lower scoring peers</td>
<td>2015</td>
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<tr>
<td>Hadley, E.</td>
<td>Duke University</td>
<td>Undergraduate</td>
<td>Comparative analysis of dropout in rural and urban NC schools</td>
<td>2015</td>
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<tr>
<td>Scherer, E.</td>
<td>RAND</td>
<td>Graduate Student</td>
<td>Do financial incentives help low-performing schools attract and retain talented teachers?</td>
<td>2015</td>
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<tr>
<td>PI Name</td>
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<td>Position</td>
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<td>Erickson, F.</td>
<td>Pennsylvania State University</td>
<td>Doctoral Candidate</td>
<td>Teacher transfers</td>
<td>2014</td>
</tr>
<tr>
<td>Hanselman, P.</td>
<td>University of Wisconsin - Madison</td>
<td>Doctoral Candidate</td>
<td>Opportunity to learn and educational inequality: The case of teacher effectiveness</td>
<td>2014</td>
</tr>
<tr>
<td>Kurtz, M.</td>
<td>University of New Hampshire</td>
<td>Doctoral Candidate</td>
<td>Value-added vs student-growth percentiles</td>
<td>2014</td>
</tr>
<tr>
<td>Lantis, R.</td>
<td>Purdue University</td>
<td>Doctoral Candidate</td>
<td>Variation in peer effects</td>
<td>2014</td>
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<tr>
<td>Ogawa, S.</td>
<td>Northwestern University</td>
<td>Doctoral Candidate</td>
<td>Why it is difficult to observe heterogeneous ability among cooperative workers</td>
<td>2014</td>
</tr>
<tr>
<td>Ouma, C.</td>
<td>Florida State University</td>
<td>Doctoral Candidate</td>
<td>Performance of cart-based value-added model against HLM, multiple regression, and student growth percentile value-added models</td>
<td>2014</td>
</tr>
<tr>
<td>Smith, R.</td>
<td>Duke University</td>
<td>MPP Candidate</td>
<td>Do school-based health centers reduce student absenteeism?</td>
<td>2014</td>
</tr>
</tbody>
</table>
Other Studies (cont.)

PI Name: Totty, E.
Institution: Purdue University
Position: Doctoral Candidate
Project Title: The lasting effects of attending a high value-added high school
Completed: 2014

PI Name: Chiamopoulos, A.
Institution: Duke University
Position: MPP Candidate
Project Title: Community-wide job loss on student achievement
Completed: 2013

PI Name: Pantoja, M.
Institution: Duke University
Position: MPP Candidate
Project Title: Communities in School of Durham
Completed: 2013

PI Name: Schultz, K.
Institution: Purdue University
Position: Student
Project Title: Sports participation and peer effects
Completed: 2013

PI Name: Todd, A.
Institution: Duke University
Position: MPP Candidate
Project Title: Dropouts from Durham Public Schools
Completed: 2013

PI Name: Chingos, M.
Institution: Brookings Institution
Position: Fellow
Project Title: School districts and their leaders
Completed: 2012

PI Name: Craig-Reamer, A.
Institution: North Carolina State University
Position: Doctoral Candidate
Project Title: Building a foundation of mathematical knowledge: An application of a partially observable Markov decision process to the K-7 mathematics education system
Completed: 2012
Funded By: AAUW
<table>
<thead>
<tr>
<th>PI Name</th>
<th>Institution</th>
<th>Position</th>
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<tbody>
<tr>
<td>Rauschenberg, S.</td>
<td>Duke University</td>
<td>MPP Candidate</td>
<td>An examination of grade non-equivalence and inflation</td>
<td>2012</td>
</tr>
<tr>
<td>Snodgrass Rangel, V.</td>
<td>University of Texas</td>
<td>Doctoral Candidate</td>
<td>Organizational stability and school performance</td>
<td>2012</td>
</tr>
<tr>
<td>Schweig, J.</td>
<td>University of California at Los Angeles</td>
<td>Doctoral Candidate</td>
<td>A multilevel confirmatory factor analysis of the WCS</td>
<td>2011</td>
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<tr>
<td>Mischner, S.</td>
<td>Columbia University</td>
<td>Doctoral Candidate</td>
<td>Using test score data to project high school graduation rates proposal</td>
<td>2010</td>
</tr>
<tr>
<td>Schnepel, K.</td>
<td>University of California at Santa Barbara</td>
<td>Doctoral Candidate</td>
<td>The problems of panel data analysis in the presence of heterogeneous treatment effects</td>
<td>2010</td>
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<tr>
<td>Zajonc, T.</td>
<td>Harvard University</td>
<td>Doctoral Candidate</td>
<td>Bayesian inference for dynamic treatment regimes: Mobility, equity, and efficiency in student tracking</td>
<td>2010</td>
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<tr>
<td>Murray, R.</td>
<td>Appalachian State University</td>
<td>Doctoral Candidate</td>
<td>Age at school entry – a predictor of student outcomes</td>
<td>2008</td>
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<tr>
<td>Scott, E.</td>
<td>Duke University</td>
<td>Student, Master’s Thesis</td>
<td>Preliminary evaluation of Student U</td>
<td>2008</td>
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</tbody>
</table>
**Other Studies (cont.)**

PI Name: Weller, B.
Institution: University of North Carolina at Chapel Hill
Position: Doctoral Candidate
Project Title: Alternative School Placements
Completed: 2008

PI Name: White, C.
Institution: University of Wisconsin-Madison
Position: Doctoral Candidate
Project Title: Teachers' Preferences for Teaching Environments
Completed: 2008

PI Name: Zajonc, T.
Institution: Harvard University
Position: Doctoral Candidate
Project Title: Dynamic treatment regimes in education
Completed: 2008

PI Name: Jones, S.
Institution: Duke University
Position: Undergraduate Research Paper
Project Title: The effect of parental practices & ethnic identity on the relations between academic attitudes & substance use in African American adolescents
Completed: 2007

PI Name: Doyle, M.
Institution: East Carolina University
Position: Doctoral Candidate
Project Title: The relationship between high school restructuring practices, academic press, and student achievement in North Carolina high schools
Completed: 2005

PI Name: Guidry, V. T.
Institution: University of North Carolina at Chapel Hill
Position: Student, Master’s Thesis
Project Title: Hurricane Floyd and flooded schools: Whose health is at risk
Completed: 2004

PI Name: Woodward, R. M.
Institution: Johns Hopkins University
Position: Doctoral Candidate
Project Title: The interrelationship between service use for school-based and outpatient specialty children’s mental health services
Completed: 2004

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Other Studies (cont.)

PI Name: Yankovich, M.
Institution: Duke University
Position: Student, Master’s Thesis
Project Title: Helping Local Education Agencies in North Carolina improve educational outcomes for at-risk students
Completed: 2003
Student Research Projects Employing Data from the North Carolina Education Research Data Center

Ongoing Projects:

**Teacher Quality and Student Outcomes**

<table>
<thead>
<tr>
<th>PI Name</th>
<th>Nguyen, C-H.</th>
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<tbody>
<tr>
<td>Institution</td>
<td>Duke University</td>
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<tr>
<td>Position</td>
<td>Undergraduate Student</td>
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<tr>
<td>Project Title</td>
<td>Teacher curriculum autonomy, self-efficacy, job satisfaction, and student reading proficiency</td>
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<tr>
<td>Proposal Received</td>
<td>3/30/2017</td>
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<tr>
<th>PI Name</th>
<th>Brand, J.</th>
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<tr>
<td>Institution</td>
<td>Johns Hopkins University</td>
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<td>Position</td>
<td>Doctoral Candidate</td>
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<td>Project Title</td>
<td>Estimating teacher performance</td>
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<tr>
<td>Proposal Received</td>
<td>12/8/2016</td>
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<tr>
<th>PI Name</th>
<th>Bristol, J.</th>
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<td>Institution</td>
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<tr>
<td>Position</td>
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<tr>
<td>Project Title</td>
<td>Teacher retention in low-performing rural schools in NC</td>
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<td>Proposal Received</td>
<td>11/11/2016</td>
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<th>PI Name</th>
<th>Thiemann, P.</th>
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<td>Institution</td>
<td>University of Southern California</td>
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<td>Position</td>
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<tr>
<td>Project Title</td>
<td>The role of teacher sorting, quality, and classroom match quality for educational achievement</td>
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<td>Proposal Received</td>
<td>6/8/2016</td>
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<td>Funded By</td>
<td>USC Dept. of Economics, USC Dornsife INET</td>
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<tr>
<th>PI Name</th>
<th>Feldman, R.</th>
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<tr>
<td>Institution</td>
<td>University of Wisconsin-Madison</td>
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<tr>
<td>Position</td>
<td>Doctoral Candidate</td>
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<tr>
<td>Project Title</td>
<td>Teachers’ perceptions of their jobs, careers, and schools after an exogenous legislative shock</td>
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<td>Proposal Received</td>
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<th>PI Name</th>
<th>Kelly, J.</th>
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<td>Institution</td>
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<tr>
<td>Position</td>
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<tr>
<td>Project Title</td>
<td>Measuring the effects of having a teacher for a second year</td>
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<tr>
<td>Proposal Received</td>
<td>10/10/2014</td>
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Rev. 7/31/2017
School Accountability and Choice

PI Name: Choi, J.
Institution: Rutgers University
Position: Doctoral Candidate
Project Title: The impact of school accountability on racial diversity of peer groups
Proposal Received: 6/12/2017

PI Name: Mozenter, Z.
Institution: University of North Carolina at Chapel Hill
Position: Doctoral Candidate
Project Title: The role of beliefs and high school experiences in explaining student choice of effort and college achievement
Proposal Received: 1/20/2017

PI Name: Horvath, J.
Institution: University of North Carolina at Chapel Hill
Position: Doctoral Candidate
Project Title: The effects of charter schools on traditional public schools
Proposal Received: 4/21/2016

PI Name: Fishman, S.
Institution: University of North Carolina-Chapel Hill
Position: Doctoral Candidate
Project Title: Age of mother and school performance: Maternal age effects on 3rd grade test scores
Proposal Received: 5/14/2015

School Accountability and Choice (cont.)

PI Name: Lin, Y.
Institution: Southern Methodist University
Position: Doctoral Candidate
Project Title: Teaching sorting and the identification of tipping behavior
Proposal Received: 2/5/2015

PI Name: Mansfield, R.
Institution: Yale University
Position: Doctoral Candidate
Project Title: A dynamic model of the impact of school and teacher inputs
Proposal Received: 2/1/2011

Rev. 7/31/2017
The Academic Performance of At-Risk Children

PI Name: Page, T.
Institution: University of North Carolina at Chapel Hill
Position: Doctoral Candidate
Project Title: Public school testing of students who are deaf or hard of hearing: Factors that influence achievement
Proposal Received: 2/27/2017

PI Name: Benson, C.
Institution: Cornell University
Position: Doctoral Candidate
Project Title: The effectiveness of special education: How special education affects student achievement, behavior, and graduation
Proposal Received: 7/12/2016

PI Name: Prenovitz, S.
Institution: Cornell University
Position: Doctoral Candidate
Project Title: Effects of special education on marginal students
Proposal Received: 12/18/2014

PI Name: Amerson, L.
Institution: Capella University
Position: Doctoral Candidate
Project Title: Do students in some Title 1 schools have an advantage when assessments are computer-based?
Proposal Received: 11/5/2014

Problem Behavior in Schools

PI Name: Bellows, L.
Institution: Duke University
Position: Doctoral Candidate
Project Title: Lifecourse of school discipline
Proposal Received: 12/12/2016

PI Name: Navarro-Sola, L.
Institution: Northwestern University
Position: Doctoral Candidate
Project Title: The effects of school discipline on student outcomes in North Carolina
Proposal Received: 5/23/2016

PI Name: Packard, M.
Institution: Georgetown University
Position: Doctoral Candidate
Project Title: Teachers’ role in improving behavior
Proposal Received: 3/23/2016
### Impact of Specific Policies on Student Outcomes

- **PI Name:** Bellows, L.  
  - **Institution:** Duke University  
  - **Position:** Doctoral Candidate  
  - **Project Title:** 287(g) programs and student outcomes  
  - **Proposal Received:** 3/24/2017

- **PI Name:** Lee, H.  
  - **Institution:** Michigan State University  
  - **Position:** Doctoral Candidate  
  - **Project Title:** Do teachers respond to the publication of value added measures?  
  - **Project Proposal:** 11/30/2016

### Other Studies

- **PI Name:** Goldman, S.  
  - **Institution:** University of North Carolina at Chapel Hill  
  - **Position:** Doctoral Candidate  
  - **Project Title:** North Carolina dual language two-way immersion programs  
  - **Proposal Received:** 4/20/2017

- **PI Name:** Norris, S.  
  - **Institution:** University of North Carolina at Greensboro  
  - **Position:** Doctoral Candidate  
  - **Project Title:** The effect of water quality on educational outcomes  
  - **Proposal Received:** 3/6/2017  
  - **Funded By:** UNCG

- **PI Name:** Snyder, A.  
  - **Institution:** Duke University  
  - **Position:** Undergraduate  
  - **Project Title:** Determinants of SAT scores in North Carolina  
  - **Proposal Received:** 2/22/2016

- **PI Name:** Opper, I.  
  - **Institution:** Stanford University  
  - **Position:** Doctoral Candidate  
  - **Project Title:** Does helping John help Sue? Evidence of spillovers in education  
  - **Proposal Received:** 2/17/2016

- **PI Name:** Shi, Y., & Clark, B.  
  - **Institution:** Duke University  
  - **Position:** Doctoral Candidate  
  - **Project Title:** Factor analysis of college major choice  
  - **Proposal Received:** 6/16/2015  
  - **Funded By:** Sanford School and Graduate School student funding