

Erin Marie (Powell) Baumgartner

Houston Education Research Consortium
Kinder Institute for Urban Research
Rice University
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EDUCATION	<i>Pennsylvania State University, University Park, PA</i> 2015 Ph.D. , <i>Dual-degree program in Sociology and Demography</i> Dissertation committee: Michelle Frisco (chair), Katerina Bodovski, Emily Greenman, Valarie King Dissertation title: "Does Early Childhood Education Climate Matter? The Relationship between State Policy, School Readiness, and Enrollment in Organized Care" <i>University of Illinois at Chicago, Chicago, IL</i> 2010 M.Ed. , <i>Measurement, Evaluation, Statistics, and Assessment</i> <i>University of Chicago, Chicago, IL</i> 2008 M.A. Program in the Social Sciences, Sociology Faculty advisor: Dr. Stephen Raudenbush <i>University of Notre Dame, Notre Dame, IN</i> 2004 B.B.A. , <i>Marketing, second major in Sociology, cum laude</i>
RESEARCH & TEACHING INTERESTS	Sociology of Education, Sociology of the Family, Social Stratification, Research Methods, Social Demography, Educational Role of the Family, Quantitative Methods
PROFESSIONAL POSITIONS	<i>Director</i> July 2022 – present Houston Education Research Consortium, Rice University <i>Associate Director of HISD Research and Relations</i> March 2019 – June 2022 Houston Education Research Consortium, Rice University <i>Research Scientist</i> April 2018 – February 2019 Houston Education Research Consortium, Rice University <i>Postdoctoral Fellow</i> August 2015 – April 2018 Houston Education Research Consortium, Rice University
PUBLICATIONS	Potter, Daniel, Erin Baumgartner , and Ruth N. López Turley. (2021) "Reducing educational inequality through research-practice partnerships." <i>Phi Delta Kappan</i> 102, no. 7: 26-29. Frisco, Michelle, Erin Baumgartner , and Jennifer Van Hook. (2019) "The Weight of School Entry: Weight Gain Among Hispanic Children of Immigrants During the Elementary School Years." <i>Demographic Research</i> 40: 95-120. Alwin, Duane, Erin Baumgartner , & Brett Beattie. (2018). "Number of Response Categories and Reliability in Attitude Measurement." <i>Journal of Survey Statistics and Methodology</i> 6(2), 212-239. Baumgartner, Erin . (2016). "Making Gains or Falling Behind? Changes and Stability in School Readiness". <i>Social Science Research</i> 64: 277-298.
RESEARCH BRIEFS	Molina, Mauricio, Erin Baumgartner , & Katharine Bao (Forthcoming, January 2023). "Staying in the Neighborhood Examining Distance to Zoned Schools and Access to Transportation"

Gill, Patrick & **Erin Baumgartner** (2022). "Equity in CTE Program Availability and Access". Available at: <https://kinder.rice.edu/research/equity-cte-program-availability-and-access>.

Baumgartner, Erin & Courtney Thrash. (2022). "Pre-K Choice and School Readiness in HISD". Available at: <https://kinder.rice.edu/research/pre-k-choice-and-school-readiness-hisd>.

Baumgartner, Erin, Brian Holzman, & Luis Sanchez. (2021). "Methodological Brief: An Alternative Approach to Measuring Student Immigrant Generation". Available at: <https://herc.rice.edu/research/alternative-approach-measuring-student-immigrant-generation>.

Thrash, Courtney, Ming Yin, & **Erin Baumgartner**. (2021). "Literacy by 3 Classroom Practices and Campus Literacy Growth". Available at: <https://herc.rice.edu/research/literacy-3>.

Baumgartner, Erin & Courtney Thrash. (2021). "Teacher-Reported Literacy by 3 Classroom Practices". Available at: <https://herc.rice.edu/research/literacy-3>.

Thrash, Courtney & **Erin Baumgartner**. (2020). "The Incomparability of Campus-specific Benchmark Running Records". Available at: <https://herc.rice.edu/research/incomparability-campus-specific-benchmark-running-records>.

Baumgartner, Erin & Courtney Thrash. (2020). "Pre-K Preferences: How and Why HISD Parents Choose Pre-K Programs". Available at: https://herc.rice.edu/sites/g/files/bxs3001/files/inline-files/FY2019-025.PKACCESS3.BRF_FINRVW.201008%20Final%20%284%29.pdf.

Baumgartner, Erin & Courtney Thrash. (2020). "Strategies for Increasing Access to HISD Pre-K Programs". Available at: <https://kinder.rice.edu/sites/g/files/bxs1676/f/documents/Strategies%20for%20Increasing%20Access%20to%20Hisd%20Pre-K%20Programs.pdf>.

Baumgartner, Erin, Courtney Thrash, & Luis Sanchez. (2019). "Availability of and Equity in Access to HISD Pre-K Programs". Available at: <https://kinder.rice.edu/sites/g/files/bxs1676/f/documents/Pre-K%20Programs%20Part%201.pdf>.

Baumgartner, Erin. (2017). "The Benefits of HISD Pre-Kindergarten: The Relationship between Years of Exposure and School Readiness". Available at: https://kinder.rice.edu/uploadedFiles/Kinder_Institute_for_Urban_Research/Programs/HERC/HERC%20School%20readiness.pdf.

Baumgartner, Erin. (2017). "Equality of Pre-Kindergarten Educational Opportunities: Examining Student Differences in Access to High Quality Pre-Kindergarten (Part 1)". Available at: https://kinder.rice.edu/uploadedFiles/Kinder_Institute_for_Urban_Research/Programs/HERC/2017V5I5.BAUMGARTNER_PREKQUAL1.pdf.

Baumgartner, Erin. (2017). "Equality of Pre-Kindergarten Educational Opportunities: Examining the Association between Quality Pre-K and Student Outcomes (Part 2)". Available at: https://kinder.rice.edu/uploadedFiles/Kinder_Institute_for_Urban_Research/Programs/HERC/2017V5I6.BAUMGARTNER_PREKQUAL2.pdf

Press coverage:

Interview with KTRH News Radio 740 in Houston; Op-ed (by request) in Houston Chronicle

IN PROGRESS

Baumgartner, Erin. "State-level Early Childhood Educational Climate and School Readiness: Examining State Policy Contexts for Early Learning".

Baumgartner, Erin. "Equality of Opportunity for Whom? Examining Access to High Quality Pre-kindergarten"

Baumgartner, Erin, Michelle Frisco, Jennifer Van Hook, & Molly Dondero. "Academic Achievement and Teacher-rated Behavior among White and Latino Elementary School Students in New and Established Latino Destinations".

**PRESENTATIONS
AND POSTERS**

Sanchez-Soto, Gabriela, Tori Thomas, & **Erin Baumgartner.** (2022). "Demographic Composition of Teachers and the Academic and Behavioral Outcomes of Students in Houston, TX". Paper presented at the Annual Meeting of the Population Association of America. Atlanta, GA.

Ankoo, Nehemiah, Courtney Thrash, & **Erin Baumgartner.** (2020). "Reading to an Empty Room: The Impact of Absenteeism on Third Grade Literacy Achievement". Poster accepted for presentation at the Annual Meeting of the American Educational Research Association. San Francisco, CA.

Baumgartner, Erin. (2019). "Public Pre-K School Choice: Parental Transmission of Resources at School Entry". Paper presented at the Annual Meeting of the Population Association of America. Austin, TX.

Baumgartner, Erin, Luis Sanchez, & Benjamin Maloney. (2019). "Neighborhoods of Opportunity: The Role of Space in Access to and Utilization of Public Pre-Kindergarten ". Poster presented at the Annual Meeting of the Population Association of America. Austin, TX.

Baumgartner, Erin, Luis Sanchez, & Brian Holzman. (2018). "Variation in Immigrant Access to Public Pre-K Programs". Poster presented at the Annual Meeting of the Sociology of Education Association. Pacific Grove, CA.

Baumgartner, Erin, Luis Sanchez, & Brian Holzman. (2018). "Living in a Desert or Oasis? Examining Variation In Access To Public Pre-K Programs". Poster presented at the Annual Meeting of the Population Association of America. Denver, CO.

Baumgartner, Erin, Brian Holzman, & Luis Sanchez. (2018). "Measuring Immigrant Generation: An Innovative Method in the Face of Data Limitations". Poster presented at the Annual Meeting of the Population Association of America. Denver, CO.

Baumgartner, Erin. (2017). "Who loses when measurement fails? Evaluating a state-level educational accountability measure". Poster presented at the Annual Meeting of the American Educational Research Association. San Antonio, TX.

Frisco, Michelle, **Erin Baumgartner,** & Jennifer Van Hook. (2017). "Outsiders in American Schools? Elementary School Exposure & Hispanic-White Disparities in Children's Weight". Poster presented at the Annual Meeting of the Population Association of America. Chicago, IL. *2017 PAA Annual Meeting Poster Winners.*

Frisco, Michelle, **Erin Baumgartner** (presenting author), & Jennifer Van Hook. (2016). "Kindergarten Entry: A Gateway to Education and a Gateway to Weight Gain for Children of Latino Immigrants". Paper presented at the Interdisciplinary Population Health Research Conference at Pennsylvania State University in State College, PA.

Baumgartner, Erin. (2016). "State-level Early Childhood Educational Climate and School Readiness: Examining State Policy Contexts for Early Learning." Roundtable presentation at the Annual Meeting of the American Sociological Association. Seattle, WA.

Baumgartner, Erin. (2016). "Equality of early childhood educational opportunity." Roundtable presentation at the Annual Meeting of the American Sociological Association. Seattle, WA.

Baumgartner, Erin. (2016). "School readiness of Latino students: The role of policy in explaining generational differences in readiness and later achievement." Paper presented at the Annual Meeting of the American Educational Research Association. Washington, D.C.

Hanson, Vansa Shewakramani & **Erin Baumgartner** (presenting author). (2016) "Assessing the relative contributions of school and neighborhood compositional stability on achievement." Poster presented at the Annual Meeting of the Sociology of Education Association. Pacific Grove, CA.

Alwin, Duane, Brett Beattie, & **Erin Baumgartner.** (2015). "Assessing the Reliability of Measurement in the General Social Survey". Paper presented at the Annual Meeting of the American Association for Public Opinion Research.

Baumgartner, Erin. (2015). "Maternal life course stage and children's non-cognitive school readiness". Paper presented at the Annual Meeting of the Sociology of Education Association. Pacific Grove, CA.

Greenman, Emily, **Erin Baumgartner,** and George Farkas. (2015). "Non-cognitive skill growth of Latino immigrants' children in elementary school". Paper presented at the Annual Meeting of the Population Association of America. San Diego, CA.

Baumgartner, Erin & Emily Pressler. (2014). "The context of school readiness: Understanding the interaction of parenting and childcare in preparing children for kindergarten". Poster presented at the Annual Meeting of the Sociology of Education Association. Pacific Grove, CA.

Baumgartner, Erin. (2014). "Capital investments: Contributions to the school readiness of children of young mothers". Roundtable presentation at the Annual Meeting of the American Educational Research Association. Philadelphia, PA.

Alwin, Duane, Brett Beattie, Lee Hannah, & **Erin Powell.** (2013). "Class vs. Religion in Changing Conceptions of Child-Rearing in the U.S.". Roundtable presentation at the Annual Meeting of the American Sociological Association. New York, NY.

Alwin, Duane & **Erin Powell.** (2013). "Maternal SES, Parental Child-Rearing Approaches and Children's Achievement". Poster presented at the Annual Meeting of the Population Association of America. New Orleans, LA.

Frisco, Michelle L., **Erin Powell,** & Jennifer Van Hook. (2013). "Academic Achievement and Teacher-rated Behavior among White and Latino Elementary School Students in New and Established Latino Destinations." Paper presented at the Annual Meeting of the Population Association of America. New Orleans, LA.

Powell, Erin & Duane Alwin. (2012). "Parental Child-Rearing Values and Children's Use of Time". Paper presented at the Annual Meeting of the American Sociological Association. Denver, CO.

Alwin, Duane, Brett Beattie, Lee Hannah, & **Erin Powell.** (2011). "Has Growth of the Egalitarian American Family Continued into the 21st Century?" Paper presented at the Annual Meeting of the American Sociological Association. Las Vegas, NV.

Powell, Erin Marie. (2010). "Unready to learn: The association between the parenting behaviors of teenage mothers and their children's readiness for school". Paper presented at the Annual Meeting of the Midwest Sociological Society. Chicago, IL.

RESEARCH EXPERIENCE	Research Assistant, Pennsylvania State University	
	Michelle Frisco	2012-2015
	Michelle Frisco and Emily Greenman	2011-2012
	Duane Alwin and Emily Greenman	2010-2011
	Research Assistant, Consortium on Chicago School Research, Univ. of Chicago	07/2009 – 08/2010
	Worked with the Data Practice Collaborative to support the Urban School Improvement Network’s archival, management, analysis, and collection of school data	
	Research Assistant, University of Chicago Libraries, Assessment Office	03/2008 - 06/2008
	Developed and performed usability evaluations of current library web-based search programs, conducted interviews, completed report with recommendations for improving library programs	
TEACHING EXPERIENCE	Lecturer, Program: Master of Social Policy Evaluation, Rice University	
	Applications of Program Eval:	
	Early Childhood and Youth Development (graduate level)	Spring 2023
		Spring 2022
	Teaching Assistant, Pennsylvania State University	
	Advanced SEM Methods (graduate level)	Fall 2013
	Introduction to Social Measurement (graduate level)	Spring 2012
	Instructor, Pennsylvania State University	
	Sociology of Family	Summer 2012 & Summer 2013
	Introduction to Sociology (online course)	Summer 2011
Guest Lecture, Pennsylvania State University		
Sociology of Education: “Standardized Assessments and Stratification”	Spring 2011	
Workshops:		
Taught 2-part workshop on presenting research to non-research audiences	Summer 2022	
Taught mini-methods workshops , Rice University		
Topics: Mediation and Moderation; Factor Analysis	Fall 2017-Spring 2018	
Taught workshop for educators: “Using Data for Decision Making”	Summer 2010	
Consortium on Chicago School Research		
GRANTS AND AWARDS	<i>Operating funds, \$1,000,000, Houston Endowment</i>	2022-2023
	Project: Expand use of research and research capacity	
	<i>Education Research Grant, \$132,273, Rockwell Fund</i>	2022
	Project: Tracking COVID Enrollment Trends	
	<i>Creative Ventures Fund: Conference and Workshop Development, \$4,500, Rice University</i>	2022
	Project: Texas RPP Convening	
	<i>Creative Ventures Fund: Conference and Workshop Development, \$2,700, Rice University</i>	2022
	Project: HERC Research Gallery Walk	
<i>Social Sciences Research Institute Mini-Grant, \$1,500, Rice University</i>	2016-2017	
Project: “Pre-kindergarten program evaluation”		
<i>Huber-Form Scholarship, Pennsylvania State University</i>	2010-2012	
<i>Merit-based partial tuition scholarship, University of Chicago</i>	2007-2008	

PROFESSIONAL SERVICE	Editorial Board, <i>Early Childhood Research Quarterly</i>	2018-present
	Reviewer: <i>Early Childhood Research Quarterly</i> , <i>Social Science Research</i> , <i>Educational Researcher</i> , <i>Peabody Journal of Education</i> , <i>AERA Open</i> , <i>Health and Place</i> , <i>American Educational Research Journal</i>	
	Session organizer and discussant: <i>Population Association of America Annual Meeting</i>	2022
UNIVERSITY SERVICE	<i>Faculty Selection Committee</i>	2022
	Rice University	
	<i>Population Research Institute Graduate Student Methodology Workshop Committee</i>	2010-2014
	<i>Department Social Committee</i>	2010-2014
	Pennsylvania State University	
	<i>Honor Code Committee</i>	2003-2004
	University of Notre Dame	
MEMBERSHIPS	American Educational Research Association, American Sociological Association, Population Association of America, Sociology of Education Association	
STATISTICAL TRAINING	Multivariate Statistical Analysis, Hierarchical Linear Modeling, Rating Scale Design & Analysis, Non-parametric Modeling, Survey Research, Event History Analysis, Structural Equation Modeling, Demographic Techniques	
	Software experience: SAS, STATA, Mplus, SPSS, HLM, AMOS, LISREL	
	Dataset experience: AddHealth, ACS/Census, ECLS-B, ECLS-K (1998 & 2011), PSID (including CDS), GSS, NSFH, large administrative database (Houston school district)	