

Lauren E. Price, M.P.P., R.T.S.B.A.

Gallup StrengthsFinder: Input • Learner • Ideation • Strategic • Intellection
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Education

Texas Association of School Business Officials, Registered Texas School Business Administrator 2020 - Present
Peabody College of Education, Vanderbilt University, M.P.P. in K-12 Education Policy May 2014
College of Arts & Letters, University of Notre Dame, B.A. *cum laude* May 2005

Experience

RESEARCH, EVALUATION, AND OVERSIGHT

Authored the District's contract templates for external entities using district data for audit or evaluation per 34 CFR §99.35(a)(3) or for studies per §99.31(a)(6) Summer 2024
Composed and copyedited district's exhibits to the National Student Data Privacy Agreement for all vendors and entities acting as school officials per §99.31(a)(1) Spring 2024
Co-wrote or edited all district regulations outlining new research guidelines & approval processes Fall 2023
Initiated internal audit of approved research and related data-sharing agreements; catalyzed a 15-month pause on new approvals to strengthen internal controls 2022-2023
Envisioned, designed, and implemented a randomized controlled trial (RCT) study addressing targeted outreach and student applications for school choice 2019-2022
Managed formative evaluation of magnet program quality, including editing two reports 2019-2021
Authored 20 semi-annual reports to U.S. Dept. of Education on outcomes and indicators, financial activities, matching local funds, successes and obstacles for three discretionary grant awards:
Six for the 2017 Magnet School Assistance Program (MSAP, 84.165A) 2018-2021
Eight for the 2014 Teacher Incentive Fund (TIF4, 84.374B) 2014-2018
Six for the 2013 Teacher Incentive Fund (TIF3, 84.374A) 2014-2016
Wrote four major program evaluation reports (TIF3 & TIF4) including causal inference analysis for improving STAAR scores, cohort analysis for STEM teacher attrition 2014-2018
Designed survey and analyzed findings to gauge teacher perceptions of performance based compensation strategies; implemented population-group statistical weights for findings 2015-2016

PARTNERSHIP ROLES WITH EXTERNAL ENTITIES

[Riverside Insights](#) Designer and primary analyst for experimental use of CogAT assessment to meet district need for identifying early elementary students to receive GT services Present
[University of Houston](#) Negotiator for MOU and data sharing agreement; technical support for district staff on how to query relevant data for contract placing UH students to align with district tutoring needs Present

[Population And Survey Analytics \(PASA\)](#): Lead point of contact for six-figure contract covering ten-year demographics forecasting, incorporating geocoded student addresses, Census, GIS, and HCAD data 2022-2024

[Contigo Ed](#): Lead project manager for audit funded by the Houston Endowment, compiling a decade of student outcomes and program data related to College, Career, and Military Readiness (CCMR) 2023-2024

[Institute for Education Sciences, U.S. Department of Education](#) Primary analyst and district data manager for randomized controlled trial (RCT) by the RAND Corporation to evaluate the efficacy of a software curriculum for improving student math outcomes in grades 3 to 5; Authored technical documentation and coached up a junior analyst to ensure that the Y2 files and documentation met the high standards established in Y1 2022-2024

[Good Reason Houston & Kitamba](#): Senior analyst for comprehensive transition planning; work included generating custom flat files, onboarding and coaching their teams, capital planning for 2024 bond 2023-2024

[Panorama Education](#): Analyst for rostering student perception surveys for teacher evaluation 2023

[NASA Johnson Space Center](#) Project manager handling contracts, schedules, board items, and purchase orders for collaboration to provide K-8 STEM curriculum and job-embedded coaching for STEM teachers 2018-2021

[Education Analytics](#): Designer, collaborative analysis on efficacy of specific compensation strategies 2018

ANALYSIS, DATA MANAGEMENT, DATA MODELING

Identified that 90% of district's historical enrollment loss happens at the transition between PK4/KG and between 5th/6th. Diagnosed that over 51,000 students PK and 5th left since SY18-19. Developed incentive models, created and distributed campus-level data resources, calculated baselines, set targeted campus goals, collected recruitment team names for est. 150 schools. Currently calculating eligibility for \$1.5m payout. April 2024 - Present

Design and implement deep analysis, ad hocs, ongoing strategy for expanding Pre-K January 2023 - Present

Built initial models and business rules for [Pre-K Seats Available](#) resource, led improvements for SY2425, and coached up junior analyst on related workflows and *ad hoc* requests September 2023 - Present

Synthesized campus supply/demand and demographic forecasts to set priorities for \$200m bond investment March - June 2024

Used open-source Census tools to prioritize district outreach in neighborhoods with income and language demographics likely to qualify for TEA-funded pre-kindergarten programming April 2024

Built multivariate scoring model for CAO to compare supply and demand for pre-kindergarten seats at < 160 campuses; oversaw junior analyst's related data tasks March 2024

Determined feasibility of expansion at +20 schools: Led team of analysts and program specialists incorporating floorplans, Google Earth, and in-person walkthroughs March 2024

Implemented reframing of district policy to *supply* (staffed pre-k seats) and *demand* (kids) February 2023

Identified risks and data anomalies, codified data sources & business rules, and set up daily automated communication to resolve issues on master schedules and student course assignments: ensured compliance with state and local regulations for (a) reassigning specific teachers to campuses with overenrollment, (b) meeting TEA class size waiver requirements, (c) CIRCLE testing, and (d) TEA's ECDS collections. July - October 2024

Improved user uptake and increased transparency by re-envisioning the 21-22 [Campus Demographic Report](#) data model and its publication; Successfully delegated to junior analysts for 22-23, 23-24 February 2022 - May 2024

Senior analyst and project manager for [SchoolFinder](#), sourcing data elements, reshaping deliverables, liaising with vendor; Successfully delegated workstreams for future iterations October 2021 - March 2024

Scripted machine learning models to sort 250+ schools into k -means clusters with similar (1) building conditions, (2) academic achievement, and (3) financial risk exposure to low enrollment. Trained my Sr. ED to present the results to Cabinet for TEA System of Great Schools Fall 2022

Originated analysis identifying 500 additional students likely experiencing homelessness: compiling home addresses, change of address results from U.S. Postal Service and LexisNexis, and publicly available data from the state (TX-HHS) and county (HCAD) December 2021

TECHNICAL PROFICIENCIES

R/RStudio	5 of 5	Stata	4 of 5
MS Excel	5 of 5	SPSS	3.5 of 5
MS SharePoint	5 of 5	Rmd/Quarto	3 of 5
MS Access	4 of 5	LaTeX	3

Employment

<i>Houston Independent School District</i>	August 2014 - Present
CTM, Data Science & Analytics (Assessment, Accountability & Compliance)	Promoted July 2023
Data Scientist / Application Developer (Research & Accountability)	2021-2023
Grant Program Manager (Research & Accountability; School Choice)	2014-2021
<i>Peabody College of Education, Vanderbilt University</i>	2012-2014
Graduate Research Assistant (Nashville, Tennessee)	
<i>Boys Hope Girls Hope of Colorado</i>	2010-2011
Development Director (Denver, Colorado)	
<i>Community Resource Center</i>	2008-2010
Consultant & Trainer (Denver, Colorado)	
<i>Robert B. Sharp Company</i>	2007-2008
Project Manager & Junior Consultant (Denver, Colorado)	
<i>El Pomar Foundation</i>	2005-2007
Fellow & Junior Grants Officer (Colorado Springs, Colorado)	

Awards & Invitations

Oct 2024. <i>EDAD 688 Education Policy Series</i> , Guest Speaker	Texas A&M
Apr 2023. <i>IS595 Competitive Intelligence & Knowledge Management</i> , Guest Speaker	Univ. of Illinois
July 2022. <i>Diversity Scholarship</i> , Conference and Workshop	posit::conf , formerly RStudio

Oct 2021. <i>Making Performance Pay Pay Off</i> , Conference Presentation	Council of Great City Schools
Nov 2018. <i>SOCI 437/537 Sociology of Education</i> , Guest Speaker	Rice University
May 2015. <i>Parents, Teachers, and Title I</i> , Conference Presentation	CRSEA 9th Annual Conference

Selected Publications

Price, L., & Cortez, J. (2024, September 30). Technical Documentation for IES Award [R305A230170](#), Efficacy of Zearn Math. Houston ISD: Assessment, Accountability, and Compliance.

Price, L., Lasode, M., & Powers, K. (2023, December 13). Memorandum To Chief Financial Officer: FY25 Forecasting Models for Student ADA. Internal Publication. Houston ISD: Assessment, Accountability, and Compliance.

Lasode, M., Price, L., Abdoli, M., & Hovey, I. (2022, July 7). [2021-2022 Campus Demographic Report](#). Houston ISD: Research and Accountability.

Price, L., & Scuello, M. (2022, May). Evidence of Promise from the Magnet Schools Assistance Program: Recruiting Students to HISD's Secondary STEM Magnet Schools. Internal Publication.

Price, L., & Matney, A. (2021, December 14). Memorandum to Executive Officer, Student Support: Additional Students Identified as Eligible For Services. Internal Publication.

Aulicino, C., Rinehart, C., & Price, L. (2021, October). Secondary STEM Magnet Programs Study: Year 2. Metis Associates. Internal Publication.

Aulicino, C., Rinehart, C., & Price, Lauren. (2020, September). STEM Magnet Program Study: Year 1. Metis Associates. Internal Publication.

Price, L., Christian, M., & Stevens, C. (2018a). A Matched-Comparison Analysis of Math and Science STAAR Scores: Teacher Incentive Fund STEM Grant in Houston ISD. Houston ISD: Research And Accountability.

Price, L., Cramer, E., Milanowski, A., Mader, J., Robertson, D., & Stevens, C. (2018b). A Human Capital Approach to Improving STEM Education: Teacher Incentive Fund STEM Grant in Houston ISD. Houston ISD: Research and Accountability.

Price, L., Provencher, S., & Stevens, C. (2018c). A Descriptive Overview: Teacher Incentive Fund STEM Grant in Houston ISD. Houston ISD: Research and Accountability.

Price, L., & Stevens, C. (2017). Teacher Incentive Fund, Cohort 3—Looking Back, Around, And Ahead: HISD's Viewfinder For Teacher And Leader Effectiveness. Houston ISD: Research and Accountability.

Price, L., Jordan, S., & Stevens, C. (2016, January). Preferences and Perspectives on Teacher Compensation, 2014-2015. Internal Publication.

References

Jorge Martinez . Director, Data Science & Analytics	Houston ISD
Isabel Hovey . Director of Accountability, Research, & Compliance	Region IV ESC
Dr. Allison Matney . Former Executive Officer, Assessment Accountability & Compliance	Houston ISD
Dr. Erin Baumgartner . Director, Houston Education Research Consortium	Kinder Institute, Rice University
Marco Heredia . Partner, Analytics	Contigo Ed

Skills & Competencies

Ad Hoc Analysis • *Ad Hoc* Reporting • Analytical Skills • Annual Budgeting • Budgeting • Business Analysis • Business Insights • Business Process • Capital Improvement • Children’s Online Privacy Protection Act “COPPA” at 16 CFR § 312 • Client Relations • Community Impact • Compilation • Creative Problem Solving • Creative Strategy • Data Analytics • Data Governance • Data Integrity • Data Interpretation • Data Management • Data Manipulation • Data Modeling • Data Retention • Data Science • Data Strategies • Data Systems • Database Administration • Database Systems • Databases • Econometrics • Education Department General Administrative Regulations “EDGAR” at 2 CFR and 34 CFR • Extract, Transform, Load (ETL) • Family Educational Rights and Privacy Act “FERPA” at 34 CFR § 99 • Key Performance Indicators • KPI Reporting • Large-scale Data Analysis • Legal Requirements • Logic Models • Machine Learning • Metadata • Microsoft Office • New Product Rollout • Presentations • Primary Research • Privacy Regulations • Problem Solving • Program Assessment • Project Management • Quality Assurance • Relational Databases • Reporting Requirements • Spreadsheets • Statistical Analysis • Statistics • Statutes • Strategic Data Analysis • Team Management • Texas Education Code “TEC” • Tenacious Work Ethic • Texas Government Code “TGC” • Vendor Relations • Written Communication