

PRATIK C. MHATRE

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Education

- 2009 Ph.D. *Texas A&M University*, Urban & Regional Science
- 2004 M.S., *Georgia Institute of Technology*, Public Policy
- 2000 B. Arch., *University of Mumbai*, Architecture

Professional Experience

- 12/2018 – Present **Scientific Director**, *Population Research Center, The University of Texas at Austin.*
- 01/2019 – Present **Co-Lecturer**, *Applied Multivariate Methods, Department of Sociology, The University of Texas at Austin.*
- 09/2017 – 11/2018 **Co-Principal Investigator**, *Institute for Public School Initiatives, The University of Texas at Austin.*
- 12/2012 – 08/2017 **Data and Research Administrator**, *Institute for Public School Initiatives, The University of Texas at Austin.*
- 07/2009 – 11/2012 **Research Associate**, *Public Policy Research Institute, Texas A&M University.*
- 08/2005 – 05/2009 **Research Assistant**, *Public Policy Research Institute, Texas A&M University.*
- 12/2004 – 06/2005 **Public Policy Consultant**, *LogistiCare, Inc.*
- 05/2003 – 08/2003 **Project Consultant**, *The Enterprise Foundation and Atlanta Housing Association of Neighborhood-based Developers.*
- 08/2000 – 05/2004 **Research and Teaching Assistant**, *Applied Research Methods and Analysis, Department of Public Administration, Georgia State University.*

Research Experience

- 12/2018 – Present **National Study of Learning Mindsets**, Study Director, using a randomized experiment (in a probability sample, with arms-length data collection and registered analysis plans) to show that a learning mindset intervention can improve 9th grade achievement, increase enrollment in advanced 10th grade math courses, and increase chances of postsecondary enrollment.
- 01/2019 – Present **Estimating and Understanding Effects of Teaching Teens that People Can Change**, Study Director, examining whether an incremental theory intervention causes social-cognitive changes that may affect biological responsiveness to acute social stressors, analyzing whether these changes mediate the effects of

the incremental theory intervention on long-term internalizing symptoms, coordinating survey and biological sample data collection in five high schools in Austin.

- 07/2019 – Present **Texas Mindset Initiative**, Scientific Director, funded by Gates Foundation at University of Texas at Austin, analyzing the classroom practices for middle and high school teachers in OnRamps network of schools and college faculty in College of Natural Sciences at UT Austin from a learning mindset lens to examine impacts on students' sense of respect and trust and evaluate effect on academic outcomes.
- 02/2019 – Present **Math Teacher Mindsets Survey Analysis**, Researcher, funded by National Science Foundation, analyzing trends and patterns among 9th grade Math teacher mindsets and examining impacts on students' academic outcomes and course-taking tendencies, using natural language processing and text analysis to decipher qualitative aspects in defining mindsets among educators and how it impacts pedagogy and overall student achievement.
- 07/2018 – Present **Measuring the Effects of GEAR UP STARS on Student Educational Outcomes: Utah State University**, Co-Investigator, analyzing the impact of GEAR UP on low-income minority students in Utah middle and high schools in terms of college readiness and subsequent enrollment in postsecondary institutions, comparing the effect of treatment with control group using propensity score matching.
- 09/2017 – 11/2018 **The University of Texas at Austin To College and Beyond GEAR UP**, Project Director and Co-Principal Investigator, funded by the U.S. Department of Education. Increasing the number of low-income students who are prepared to enter and succeed in postsecondary education using research-based college & career readiness interventions in 19 middle schools in historically underserved and low-income minority school districts in Central Texas.
- 01/2018 – 06/2018 **Creating Student Profiles for Targeted Individual College Advising**, Primary Researcher, designing continual improvement strategies and action plans for increasing student performance in underserved low-income school districts in Central Texas by analyzing student-level academic, discipline, absences, college access/knowledge, and GEAR UP data indicators.
- 04/2017 – 08/2017 **Analysis of SAT and PSAT Scores for GEAR UP Students**, Primary Researcher, designing research-based strategies for increasing standardized testing outcomes as part of college readiness initiatives in low-income Texas school districts with disadvantaged students.
- 02/2013 – 06/2013 **Boosting Parent Engagement for Texas GEAR UP Coalition**, Primary Researcher, designing research-based strategies for boosting parent engagement for GEAR UP schools among potential first-generation college students in underserved communities.

- 12/2012 – 04/2018 **Continual Improvement for Texas GEAR UP State Grant**, Data and Research Administrator, funded by the U.S. Department of Education and Texas Education Agency. Developing research questions, designing research-based college and career readiness intervention, designing & implementing web-based data collection and outcomes management platform, monitoring data collection and analysis to increase likelihood of pursuing postsecondary education, in vulnerable and underserved Texas school districts.
- 08/2011 – 11/2012 **Evaluation of the Developmental Education Demonstration Projects in Texas**, Researcher, funded by Texas Higher Education Coordinating Board. Developing a comprehensive evaluation strategy employing experimental and quasi-experimental methodologies to evaluate effectiveness of the interventions in nine demonstration projects launched at selected Texas higher education institutions.
- 06/2010 – 05/2012 **Addressing Disproportionate Minority Contact in the Texas Juvenile Justice System**, Researcher, analyzing qualitative data from community listening sessions, identified useful insights into the perspectives of community members on the issues of minority over-representation in the juvenile justice system, and identifying solutions that are likely to receive community support, resulting in policy changes by the Texas Governor's Office.
- 08/2010 – 09/2012 **Understanding the Link between School Disciplinary Violations, Dropout, and Justice Involvement**, Researcher, analyzing disparate treatment of juveniles in the justice system by addressing early discipline violations in schools leading to a fairer and more equitable environment, conducting preliminary data research support using highly confidential data on school students, publishing and presenting reports to advise the Texas Juvenile Probation Commission.
- 08/2009 – 11/2012 **Alcohol Epidemiology among Border Mexican Americans 2009-2010**, Researcher, funded by National Institutes of Health. Preparing sampling mechanisms using geographic information systems to precisely identify target population in four states: Texas, New Mexico, Arizona, and California for on-site research implementation.
- 10/2011 – 02/2012 **Project CHILD**, Data Analyst, using geographic information systems to visualize data findings for an international UN-funded survey research study commissioned by the Doha International Institute for Family Studies and Development, Government of Qatar. Research outcomes helped increase understanding regarding the effects of disability on children and their families and provide helpful information regarding available assistance and resources to policy makers in developing countries.
- 07/2009 – 06/2011 **Texas 2-11 Information and Referral Telephone Study**, Researcher, examining trends and patterns of telephone calls to the Texas 2-11 information and

referral telephone line conducted by the College of Architecture, Texas A&M University and funded by the United States Department of Homeland Security, conducting data management, validation, analysis, and reporting, publishing and presenting at regional and national level publications and conferences.

- 07/2009 – 12/2009 **Parenting & Paternity Awareness (P.A.P.A.) Curriculum Evaluation**, Researcher, advising the Department of Health and Human Services for the state of Texas by devising research outcomes that helped policymakers address social issues involving teen pregnancy and raising healthcare awareness among high school teenage girls.
- 07/2005 – 11/2012 **The Texas School Survey of Drug and Alcohol Use**, Data Analyst and Administrator, executing the ongoing surveillance project funded by the Texas Commission on Drug and Alcohol produces reports for school districts, including visual data, which provides measurable outcomes to school districts and state health agencies for assessing and appropriately addressing substance abuse among students in schools across Texas. providing continual technical and quantitative support, programming data entry of scannable surveys using *Scantron*[®] software and online surveys using *LimeSurvey* software.
- 02/2006 – 08/2006 **Redevelopment of Contaminated Sites for Affordable Housing: A Risk Assessment**, Researcher, analyzing use-case scenarios for redeveloping previously-contaminated (brownfields) for increasing the housing stock in constrained housing markets for affordable options, leveraging information asymmetry in preconceived notions of harm to address environmental justice issues for addressing housing shortages.
- 01/2006 – 07/2006 **Analysis of Environmental and Economic Sustainability of New Orleans and Louisiana Coast Resettlement**, Researcher, conducted analysis in part for comprehensive redevelopment proposal, prepared report for the City of New Orleans as part of redevelopment process post-Katrina in terms of sustainability principles.
- 12/2004 – 06/2005 **Medicaid and non-Emergency Transportation Management using StateNet[®]**, Lead Analyst, monitoring and tracking legislation in eleven state legislatures, prepared executive summaries for relevant legislation pertaining to medical transportation coordination, telecommunications, and Medicaid reform policies, analyzing budgetary and legislative processes for newly introduced bills in the Georgia Legislature to foresee state-level impacts on healthcare delivery outcomes.
- 08/2003 – 05/2004 **Economic Feasibility and Financing for Greenpoint-Williamsburg Waterfront Development, Brooklyn, New York**, Co-Investigator, exploring research-based opportunities for developing redevelopment plans for dilapidated districts in

- New York City based on analyses of the urban form suitable for waterfront redevelopment from the perspective of historic preservation.
- 06/2003 – 11/2003 **Small Town Brownfields Revitalization Pilot Project using Charettes**, Co-Investigator, focusing on leveraging public feedback loops and participative decision-making in ensuring housing parity under environmental justice framework in collaboration with non-profit partners and local businesses.
- 01/2003 – 10/2003 **Impact of Organizational Capability in Developing Internet-based Solutions on Perceived Website Effectiveness**, Primary Researcher, examining the Internet's role and impact on citizen participation for public hearings in response to public policies.
- 05/2003 – 08/2003 **Fulton County/Atlanta Land Bank Authority Land Bank Project**, Primary Researcher, conducting detailed qualitative data analysis through site visits and field interviews, compiling and analyzing quantitative data from public land and tax records to create economically and socially relevant profiles for Land Bank Authority-approved projects, drafting Project Profile Report for City of Atlanta-Fulton County Land Bank Authority on justification of land banks.
- 02/2003 – 01/2004 **The Southern School Teachers Project**, Data Analyst, assessing framework of program evaluation to boost student performance and academic standards by analyzing survey data using HLM (Hierarchical Linear Modeling).
- 08/2001 – 05/2003 **The Geography of Housing in the Atlanta Region**, Researcher, finding evidence of remnants of 'white flight' alongside slow but positive advancements in homeownership for minorities, analyzing state government strategies for overcoming fiscal deficits by providing recommendations to budget directors and government staff.
- 12/2000 – 05/2003 **Use and Effects of Using Performance Measures for Budgeting, Management, and Reporting: Case Study for State of Wisconsin**, Researcher, advising the Wisconsin state government in its duty to be publicly accountable and in providing users with information to assist them in making informed economic, social and political decisions through literature reviews of existing performance measures reports and publishing reports and journal articles.

Publications

Journal Articles

David S. Yeager, Jamie M. Carroll, Jenny Buontempo, Andrei Cimpian, Spencer Woody, Robert Crosnoe, Chandra Muller, Jared Murray, **Pratik Mhatre**, Nicole Kersting, Christopher Hulleman, Molly Kudym, Mary Murphy, Angela Duckworth, Gregory Walton, Carol S. Dweck (under review).

Teacher Mindsets Help Explain Where a Growth Mindset Intervention Does and Doesn't Work. *Psychological Science*.

David S. Yeager, Paul Hanselman, Gregory M. Walton, Jared Murray, Robert Crosnoe, Chandra Muller, Elizabeth Tipton, Barbara Schneider, Chris S. Hulleman, Cintia P. Hinojosa, Dave Paunesku, Carissa Romero, Kate Flint, Alice Roberts, Jill Trott, Ronaldo Iachan, Jenny Buontempo, Sophia Yang Hooper, Carlos Carvalho, Richard Hahn, Maithreyi Gopalan, **Pratik Mhatre**, Ronald Ferguson, Angela L. Duckworth, Carol S. Dweck. (2019). A national experiment reveals where a growth mindset improves achievement. *Nature* **573**, 364–369 (2019) doi:10.1038/s41586-019-1466-y

Van Zandt, S. and **Pratik Mhatre, P.** (2013). The Effect of Housing Choice Voucher Households on Neighborhood Crime: Longitudinal Evidence from Dallas. *Poverty & Public Policy*, Volume 6, Issue 3, September 2013.

Bame SI, Parker K, Lee JY, Norman A, Finley D, Desai A, Grover A, Payne C, Garza A, Shaw A, Bell R, Davis T, Harrison E, Dunn R, **Mhatre P**, Shaw F, Robinson C. (2012). 2-1-1 Data to Monitor Unmet Disaster Needs: The Case of Katrina-Rita in Texas, 2005. *American Journal of Preventive Medicine*. Volume 43, Issue 6, Supplement 5, December 2012, Pages S435–S442.

Van Zandt S and **Mhatre P.** (2009). Growing pains: Perpetuating inequality through the production of low-income housing in the Dallas/Fort Worth Metroplex. *Urban Geography*, 30(5): 490–513.

Professional Reports and Other Publications

Mhatre, Pratik C. & Orem, John M. (2018). Annual Performance Report: UT Austin: To College & Beyond GEAR UP, *U.S. Department of Education: Office of Postsecondary Education*, April 2018.

Bame S, Bell R, Davis T, Desai A, Dunn R, Finley D, Garza A, Grover A, Harrison E, Irby A, Lee JY, **Mhatre P**, Norman A, Parker K, Payne C, Robinson C, Shaw A, Shaw F, Wick B, Wunneberger D. (2012) Executive Summary: 2-1-1 Data Analysis for Hurricanes Katrina-Rita and Community Unmet Needs, Fall 2005. Washington, D.C.: *Dept. of Homeland Security-Science & Technology Division*: 14 pgs.

Dyer, J. A., Seibert, A., Patnaik, A., & **Mhatre, P.** (2012). Texas school survey of substance use methodology report 2012. College Station, TX: Public Policy Research Institute.

Mhatre, Pratik C. (2009). *Examination of Housing Price Impacts on Residential Properties before and after Brownfields Remediation Using Spatial Hedonic Modeling*. Doctoral Dissertation.

Dyer, J., Patnaik, A. and **Mhatre, P.** (2008) *Texas School Survey of Substance Use Methodology Report 2008* (for Public Policy Research Institute, College Station, TX, 2008).

Willoughby, K.; **Mhatre, P.**; and Pandey, L. (2004) *The Geography of Housing in the Atlanta Region*, (for Fiscal Research Center, Andrew Young School of Policy Studies, Georgia State University, Census Report 8, July 2004).

Melkers, J. and **Mhatre, P.** (2002) *Use and Effects of Using Performance Measures for Budgeting, Management, and Reporting: Case Study for State of Wisconsin* (for Sloan Foundation and Georgia State University Project, Government Accounting Standards Bureau (GASB), September 2002).

Mhatre, P. and Pradhan, R. (2008) *The Nano Opportunity: Time to Address Urban Transport in a Holistic Manner*, (in *Pragati – The Indian National Interest Review*, February 2008, Issue 11.

Mhatre, P. (2007) *Away and Not Alone: Staying Connected to the Homeland via Social Media* (for *Tehelka - Special Issue: Youth and the Internet*, May 05, 2007.

Mhatre, Pratik C. (2000). *Revitalization of Panvel Port Incorporating Community Spaces for Cultural and Recreational Activities*. Architectural Design Dissertation.

Presentations

Mhatre P. (2020) How Context and Learning Mindsets Advance Academic Outcomes: Findings from National Study for Learning Mindsets. Symposium Chair. (Accepted at 2020 AERA Annual Meeting, San Francisco, CA; 04/17/2020 – 04/21/2020).

Mhatre P. (2018). Rolling Out ACT® Tessera Implementation to Measure Middle School Students' Social-Emotional Learning Skills. (Presented at Texas GEAR UP State Conference, Austin, TX; 11/06/2018).

Mhatre, P. (2014). Introducing GUIDES - Designing and Implementing a Customized Data System for GEAR UP. (Presented at Texas GEAR UP State Conference, Austin, TX; 11/17/2014).

Mhatre, P., Patnaik, A. & Dyer, J. (2012). Choosing the Path of Least Resistance: Examining Response Rates Across A Multi-Modal Survey of Tobacco Use Among College Students in Texas. Poster presented at the 140th American Public Health Association (APHA) Annual Meeting & Exposition, San Francisco, CA.

Patnaik, A., **Mhatre, P.,** & Dyer, J. (2012). Hooked on hookah? Examining hookah use in high school students in Texas. Poster presented at the 140th American Public Health Association (APHA) Annual Meeting & Exposition, San Francisco, CA.

Bame, S; **Mhatre, P.**; et al. (2010) Patterns of Unmet Disaster Needs: Texas Hurricanes, 2005 vs. 2008. (Presented at Collegiate Schools of Planning, 2010 National Conference, Minneapolis, MN; presented October 2010).

Bame S, Parker K, Jobe D, Ray S, Irby A, **Mhatre P.,** Lee JY. (2010) 2-1-1 Call Patterns During Disasters: Texas Hurricanes, 2005 vs. 2008. (Presented 5/26/10, Annual AIRS International Conference; Rochester, NY).

Payne, Courtney; Bame, S.; **Mhatre, P.**; et al. (2010) Unmet Housing Needs during Disaster and Recovery: Texas 2-1-1 Response to Katrina-Rita, Fall 2005. (Presented at The National American Planning Association Conference, New Orleans, Louisiana; 4/11/10).

Payne, Courtney; Bame, S.; Finley, D.; **Mhatre, P.**; et al. (2010) Demand for 2-1-1 Services During Disasters: Texas 2-1-1 During Katrina-Rita, Fall 2005. (Presented at The Science and Technology Directorate Summit on Natural Hazards and Border Security, U.S. Department of Homeland Security, Los Alamos, New Mexico; 2/9/10).

Lee, JY.; Bame, S.; Van Zandt, S.; **Mhatre, P.**; et al. (2009) *Unmet housing needs during Hurricanes Katrina and Rita*. (American Collegiate Schools of Planning, 2009 National Conference, Crystal City, VA.; presented 10/4/09).

Bame S.; **Mhatre, P.**; et al. (2009) *Community planning for special needs during disasters: Number and types of evacuee special needs in Texas during Katrina-Rita, 2005*. (American Collegiate Schools of Planning, 2009 National Conference, Crystal City, VA; presented 10/1/09).

Van Zandt, S. and **Mhatre, P.** (2006). *Minority and Low-income Access to High Opportunity Areas: a Report Card for the Dallas Metropolitan Area* (American Collegiate Schools of Planning, 2006 National Conference, Fort Worth, TX; presented 10/24/06).

Mhatre, P. and Pandey, S. (2003). *Impact of Organizational Capability in Developing Internet-based Solutions on Perceived Website Effectiveness*, (Southeastern Conference for Public Administration (SeCoPA), Savannah, GA; presented 10/16/03).

Mhatre, P. (2000). *Revitalization of Panvel Port incorporating community spaces for cultural and recreational activities*, (Mohile Parikh Architectural Forum, National Center for Performing Arts, Mumbai, India; presented 03/15/00; selected as the top three design dissertations in Mumbai University).

Certifications

Organizational Improvement: Human Dimensions of Organizations, Certificate, *College of Liberal Arts of The University of Texas at Austin*, September 2017.

Apricot Certified Expert (ACE), *Community TechKnowledge (now Social Solutions Global)*, August 2017.

Honors and Awards

Best Publication Award, Behavior Science and Policy Association, awarded for *A National Experiment Reveals Where a Growth Mindset Improves Achievement* published in *Nature*, 2020.

LAUP Scholarship Award, *Department of Landscape Architecture & Urban Planning, Texas A&M University*, 2005.

2001 Dan Sweat Award for outstanding academic achievement and potential in the public service field, *Georgia State University*, 2001.

Phi Beta Delta Honors Society for International Scholars, *Georgia State University*, 2001.

Pi Alpha Alpha, the National Honor Society for Public Affairs and Administration, *Georgia State University*, 2002.

Selected as the **top three design dissertations** in Mumbai University and invited to present at Mohile Parikh Architectural Forum, National Center for Performing Arts, Mumbai, 2000.

Professional Affiliations

Attendee: Mindset Scholars Network Convening, October 15-16, 2019, Seattle, WA.

Conference Sessions Reviewer: American Educational Research Association (AERA) Annual Meeting

Journal Reviewer: *Housing Policy Debate*, *Journal of Public Administration and Policy Research*, and *British Journal of Educational Psychology*

General Member: American Educational Research Association (AERA).

Member: National GEAR UP Advisory Commission, National Council for Community & Education Partnerships (NCCEP), July 2018 to October 2018.

Member: Evaluation Working Group – College and Career Readiness Professional Learning Systems (CCRPLS) at NCCEP, July 2018 to August 2018.

Member: GEAR UP Annual Performance Report Modification Advisory Committee for Department of Education, NCCEP, July 2015 to December 2015.

Member: Organizing Committee: Disaster Recovery & Redevelopment Student Research Symposium, Department of Landscape Architecture & Urban Planning, October 2006.

Secretary: Urban and Regional Science Student Organization (URSSO), Texas A&M University, 2006.

Co-Chair, Student Committee for a National Student Design Competition for Sustainability Focusing on People, Prosperity, and the Planet (Funding O.N. EPA-G2006-P3-Z6 Built Environment) titled, *A Model for Sustainable Urbanisms in Threatened Regions: Rebuilding a Sustainable Gulf Coast* at Texas A&M University, 2006.

Public Service

Parent Representative: Patton Elementary Campus Advisory Council, 2018 – 2020.

Volunteer: Austin Diaper Bank, Generation Serve, Austin Parks Foundation, Impact Animal Foundation.

Debate Adjudicator: Treatise: The International Thought Challenge, the Annual International Business Conclave of Indian Institute of Management (IIM) Lucknow on the theme of Sustainable Development: Fueling the Future, 2005.

Representative: International Students Association Council (ISAC), 2002-03.

President: Indian Students Association (ISA), Georgia State University, 2002-2003.

Charter Secretary: Rotaract Club of Panvel Industrial Town, Rotary International Dist.3130, 1998-99.

Treasurer: Students Council, Pillais' College of Architecture, University of Mumbai, 1997-98.

Chief Coordinator: Louis I. Kahn Trophy (National Association of Schools of Architecture), 1998.