

TANVI SHARMA, RA

CONTACT

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LICENSE

Registered Architect, State of Texas, 27093 [Since 2018]

EDUCATION

Massachusetts Institute of Technology [Current]
Master of City Planning

Rice University [2015]
Bachelor of Architecture

Rice University [2013]
BA Architectural Studies

SKILLS

Project Management
Communication
Organization
Research
Information Analysis
ArcGIS / QGIS
Adobe Suite
Rhino
V-Ray Rendering
Basic Python
Basic HTML
AutoCAD
Revit
Photography
Social Economic Environmental
Design (SEED) Certified

PUBLICATIONS

+PRESENTATIONS

Smiley, Kevin T., Tanvi Sharma, et al. "More Inclusive Parks Planning: Park Quality and Preferences for Park Access and Amenities." *Environmental Justice* 9.1 [2016]: 1-7.

"Instant Impact in Small Towns" presentation for Houston-Galveston Area Council's Instant Impact Workshop, [2017].

LANGUAGES

English [fluent]
Hindi [fluent]
Spanish [basic]
Mandarin [basic]

PROFESSIONAL EXPERIENCE

Since 02.2021 Coastal Resilience Fellow • City of Boston

Cambridge
Massachusetts
Climate Ready Boston

Creating prioritization and implementation plan for East Boston and Charlestown neighborhoods and developing public engagement strategies.

Since 01.2021 Teaching Assistant • Department of Urban Studies and Planning, MIT

Cambridge
Massachusetts
Site Planning Practicum

Planning syllabus and each class around urban planning in the East Boston neighborhood, focussed on coastal resilience and equitable planning for underserved residents.

Leading tutorials in design and mapping software such as Adobe and GIS.

09.2019 Architect and Site Planner • Leventhal City Prize Team, MIT

10.2020
Cambridge
Massachusetts
Malden River Works

Leventhal Prize for Resilience and Equity awarded to conduct a planning and design process for a public riverfront redevelopment at the Department of Public Works site in the City of Malden.

Planned and facilitated kick-off public meeting to solicit feedback on citizens' priorities for this site. Created presentation and handout materials, collected data, and summarized findings.

Developed a site plan with elevated park, reorganized Public Works operations, and green infrastructure components including bioswales and bioretention pond.

07.2015 Architect and Urban Planner • Huitt-Zollars

04.2019
Houston
Texas
Greater Houston Flood Mitigation Consortium

Facilitated conversations among leading research institutions and local non-profits to produce documents that disseminate information to policy- and decision-makers as well as to the public.

Wrote content, created diagrams, and developed fact sheets, briefing documents, and final reports as a member of the project management team at Huitt-Zollars.

Handled all project scheduling and communication directly with clients, researchers, and public relations consultants.

East Metro Strong Bus Network Redesign

Researched and analyzed opportunities for increasing ridership, equity, and efficiency within the bus network around Saint Paul, MN. Proposed strategies to improve reliability and coverage such as route restructuring, adding Bus Rapid Transit, and expanding the rail network.

Produced maps and analyzed demographics, job densities, existing network frequencies, coverage, and access in ArcGIS to determine appropriate areas for system improvement.

Dallas Street Design Manual

Consolidated Dallas's 1993 street design manuals and national best practices into the new Dallas Street Design Manual. Incorporated the city's comments and feedback into the final draft of the manual.

City of Denison Comprehensive Plan

Created the Future Land Use Map and Thoroughfare Map for City of Denison.

Organized and conducted public and Task Force meetings to understand the priorities of the residents. Documented and analyzed meeting results to create vision and goals.

08.2014 Researcher • Rice University

05.2015 Houston Action Research Team

Houston

Texas

Designed and conducted over 400 in-person surveys of park users in low-income neighborhoods to guide Houston Parks and Recreation Department's Parks Masterplan. This research led to the Environmental Justice journal article, "More Inclusive Parks Planning."

09.2013 Designer • Pelli Clarke Pelli Architects

06.2014 Cira Tower 2, Philadelphia - Completed 2014

New Haven

Connecticut

Designed options for the main lobby of a mixed-use high-rise to serve three user groups. Drew the site plan, floorplans, and exterior wall sections.

Riverside Condos, Manhattan - Completed 2017

Designed curtain wall options for the luxury housing and punched-window stone facade options for the affordable housing portion of the tower.