



National Center for
HEALTHY HOUSING

Racism, Housing, and Asthma: A Conversation

December 11, 2023



Tyra Bryant-Stephens, MD,
Children's Hospital of
Philadelphia



Neeta Thakur, MD, MPH,
University of California
San Francisco



Adali Martinez, MD, MPH,
University of California
San Francisco



Amanda Reddy, MS,
National Center for
Healthy Housing

"[We] can best work to reduce or eliminate health disparities by taking a step beyond identifying associations between race and health outcomes. [We] can move the field forward by acknowledging the pervasiveness of racism in causing adverse health outcomes and addressing the root causes."

Housing Reparations as an Avenue to Counter the Impact of Structural Racism on Asthma in JAMA
by Neeta Thakur, MD, MPH and Adali Martinez, MD, MPH, May 16, 2023

A

ELIGIBILITY

1 Family within HPI area qualifies for CAPP Community Health Worker visits



ENGAGEMENT

2 Community Health Worker gives info on home repairs during visit and calls MVMCDC



REPAIRS

4 RTP or HFHP tests Indoor Air Quality and makes repairs



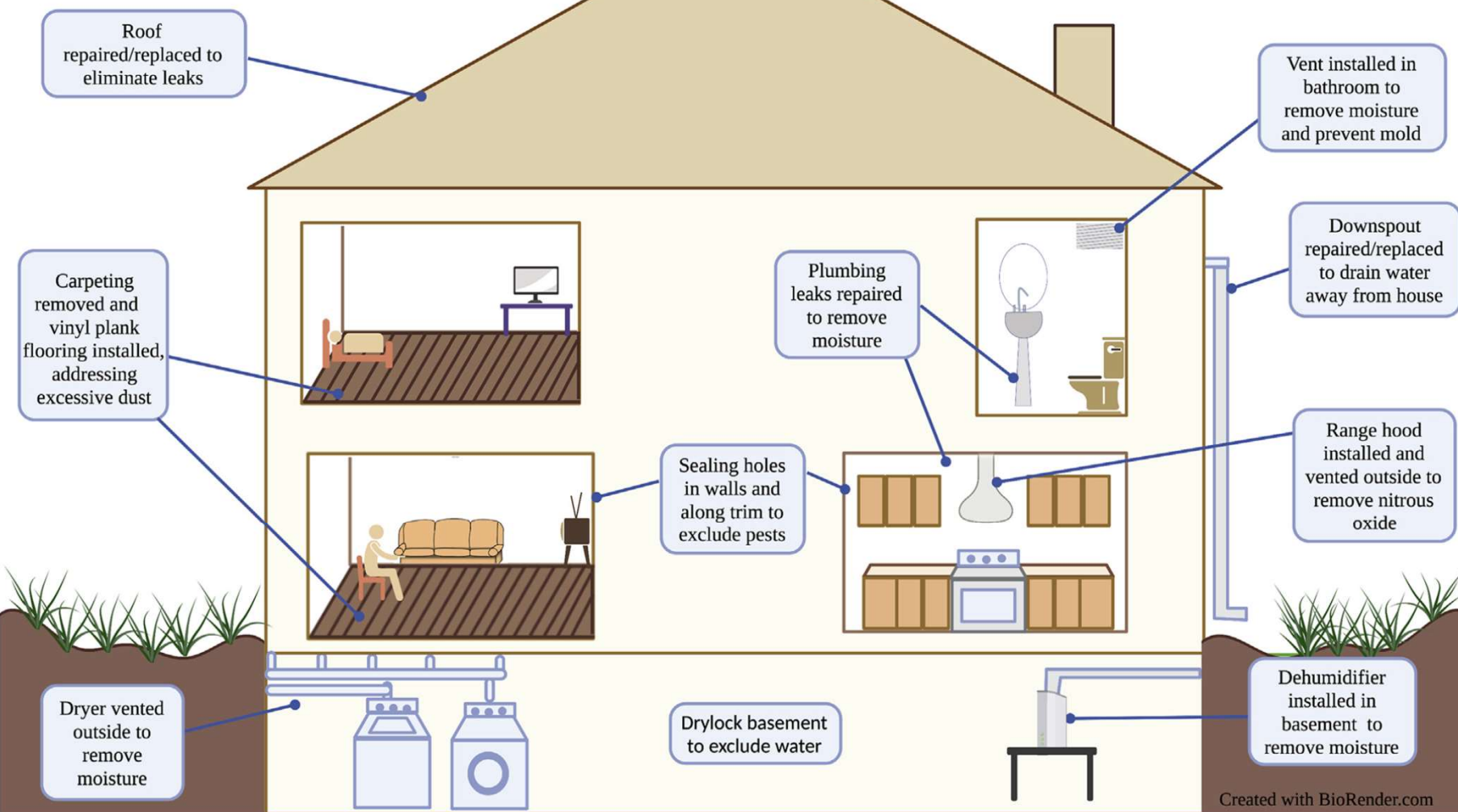
EDUCATION

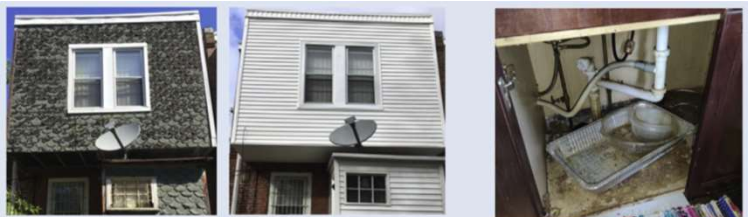
5 RTP or HFHP give post-repair home maintenance education



Housing and asthma disparities by Tyra Bryant-Stephens, MD, et al in Journal of Allergy and Clinical Immunology, September 29, 2021

Housing and asthma disparities by Tyra Bryant-Stephens, MD, et al
in *Journal of Allergy and Clinical Immunology*, September 29, 2021





Exterior Repairs



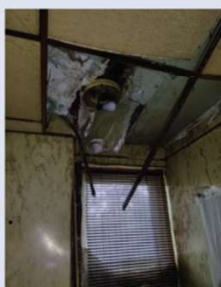
Leaky Plumbing Replaced - Before



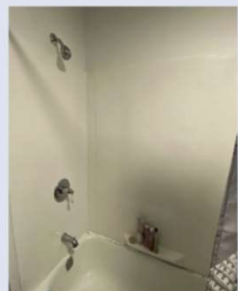
Kitchen Floor and Cabinets Replaced



Leaky Plumbing Replaced - After



Total Bathroom Renovation - Before and After



Moldy Bathroom Surround Replaced

Created with BioRender.com

Housing and asthma disparities by Tyra Bryant-Stephens, MD, et al
in *Journal of Allergy and Clinical Immunology*, September 29, 2021

Racism as Root Cause

1. Prioritize a specific, racialized group
2. Work to change policies, systems, or environments as opposed to changing people
3. Be institutionalized and sustainable
4. Repair historical injustices by shifting resources, power and opportunities to racially marginalized groups

A framework developed by Malawa et al* as described in *Housing Reparations as an Avenue to Counter the Impact of Structural Racism on Asthma in JAMA* by Neeta Thakur, MD, MPH and Adali Martinez, MD, MPH, May 16, 2023

*Malawa Z, Gaarde J, Spellen S. Racism as a root cause approach: a new framework. *Pediatrics*. 2021; 147(1):e2020015602.

Table. Key Questions for Assessing Interventions Designed to Address Structural Racism

Component	Evaluation questions
Name and describe how racism is operating	
Name racism	Is racism explicitly named in the background or design of the intervention?
Role of racism	Is the mechanism or pathway by which racism is operating clearly delineated by the intervention?
Address racism	
Targets and works with a racialized group	Is the intervention designed for a specific racialized population? What is the involvement of the target community in the design of the intervention?
Intervention targets are policies, systems, or environments	At what level does the intervention target its effect? Does it require individuals to change their behavior?
Sustainable	What processes or funding are in place to ensure the intervention continues after the study if found to be effective?
Reparations	Does the intervention shift resources, power, and/or opportunities to the community?

Adapted from the works of Jones¹¹ and Malawa et al.¹²

Housing Reparations as an Avenue to Counter the Impact of Structural Racism on Asthma in JAMA
by Neeta Thakur, MD, MPH and Adali Martinez, MD, MPH, May 16, 2023

“Housing Reparations as an Avenue to Counter the Impact of Structural Racism on Asthma” by Neeta Thakur, MD, MPH and Adali Martinez, MD, MPH, in *JAMA*, May 16, 2023.

“Housing and asthma disparities” by Tyra Bryant-Stephens, MD, et al in *Journal of Allergy and Clinical Immunology*, September 29, 2021.