



Immunization Lab

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About Us

The lab aims to eliminate vaccine-preventable disease through research, evidence-based practice, education, and a community-wide approach to immunization delivery.

Our Research

We perform research on barriers to immunization delivery and interventions to improve vaccination rates.



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Project Goal:

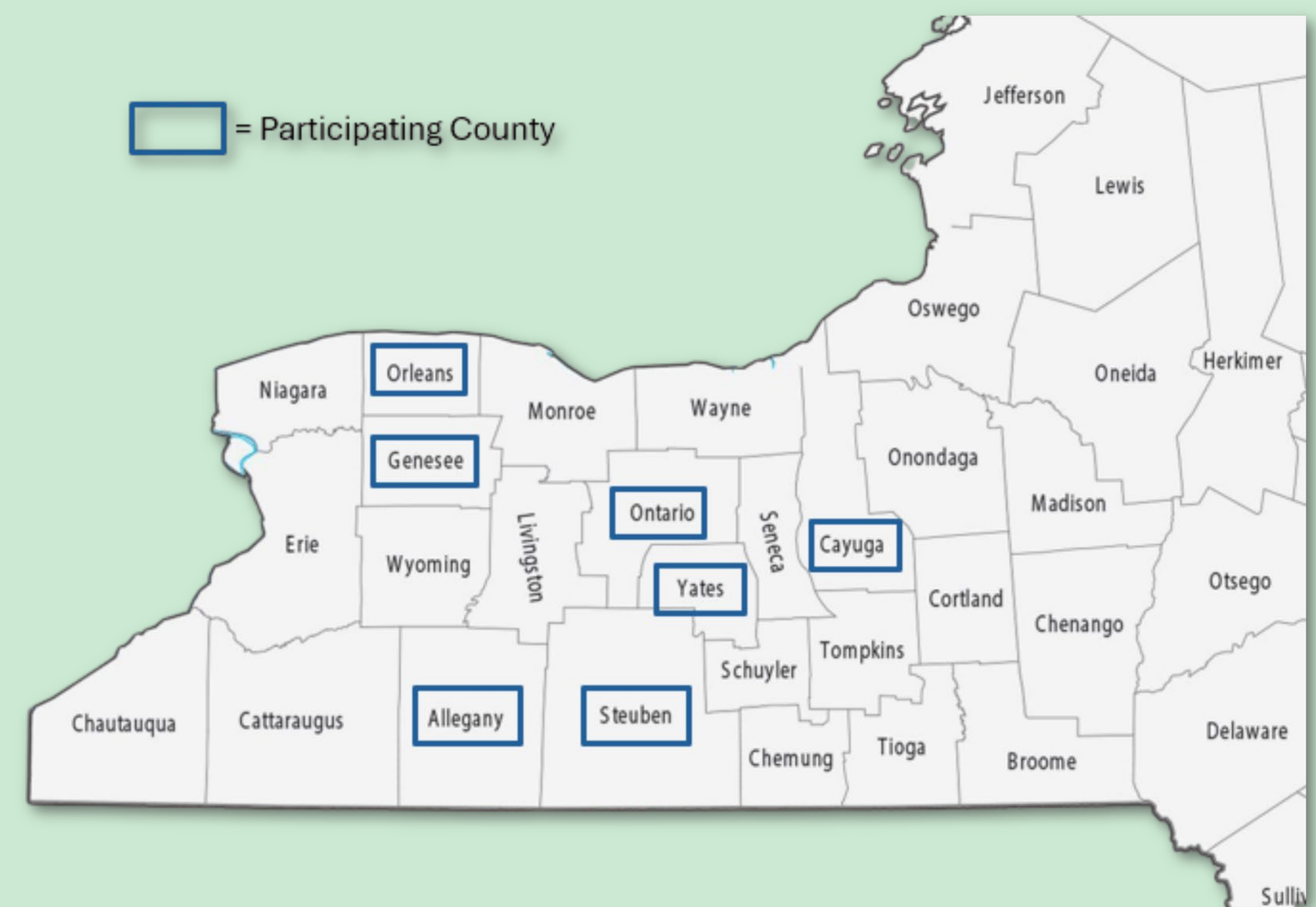
Increase student influenza vaccination rates by:

- training school staff (e.g., school nurses, teachers, coaches) in optimal vaccine communication techniques
- providing schools with a vaccine promotion toolkit

Feasibility Study with Rural Schools:

In collaboration with 5-10 county-level health departments from rural sections of NYS:

- Have health department personnel disseminate the training materials to schools within their catchment area
- Assess the feasibility/acceptability of the training using feedback from school and HD staff



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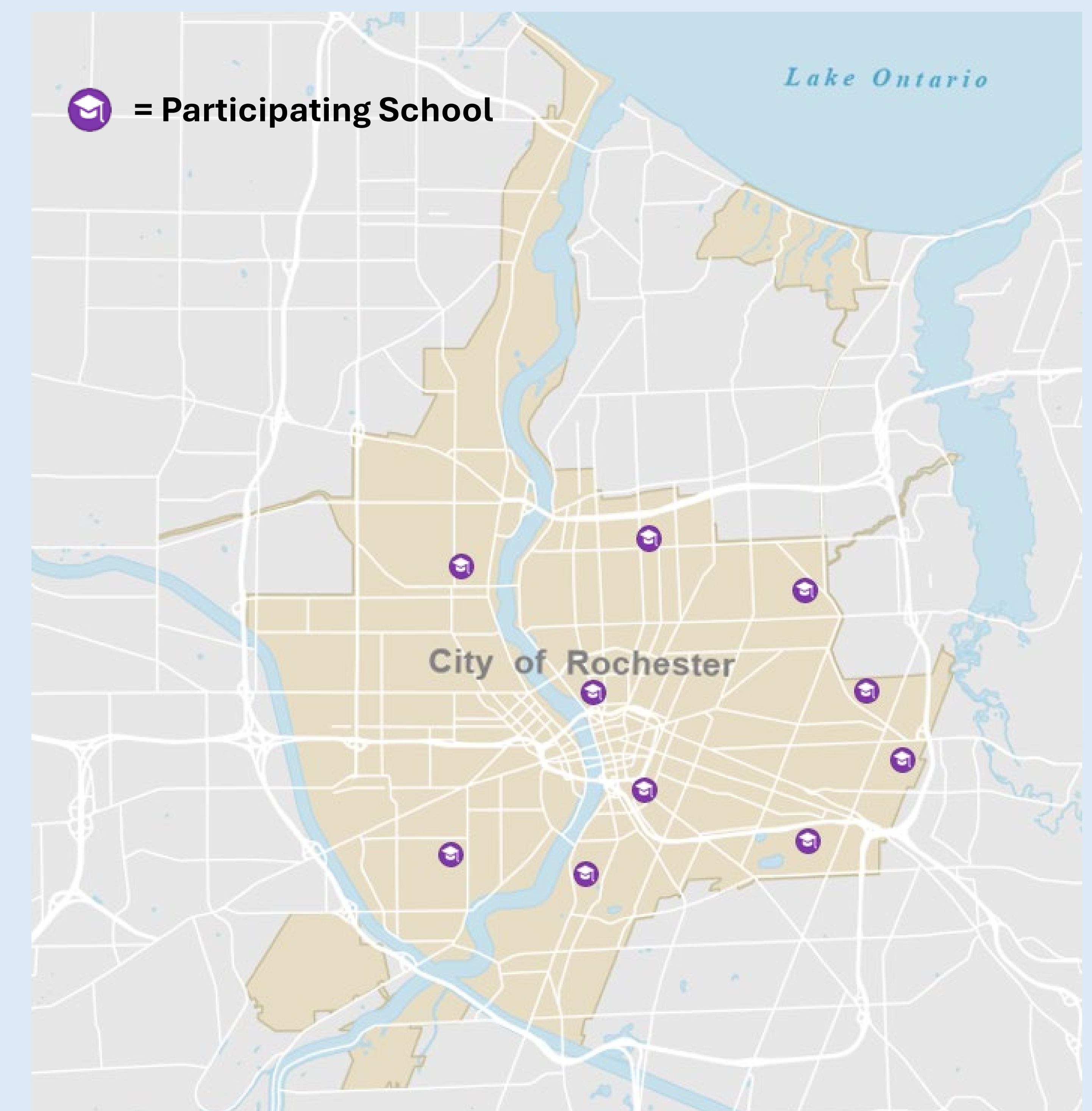
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RCT with Urban Schools:

Within schools from the Rochester City School District:

- Disseminate the training materials to school staff
- Measure the effect of the training on student flu vaccination rates



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Other Immunization Lab Projects



Stand Up 2 HPV

Assess the impact of standing orders (SOs) and communication training compared to communication training alone on HPV vaccination rates.

VAX-MOM COVID-19

Using a randomized controlled trial, measure the effect of a multi-component quality improvement intervention on maternal COVID-19 vaccination rates at participating OB/GYN sites.



VAX-MOM

Using a randomized controlled trial, measure the effect of a multi-component quality improvement intervention on maternal flu and Tdap vaccination rates at participating OB/GYN sites.



Publications:

1. Rand CM, Bender R, Albertin C, et al. A Cluster Randomized Controlled Trial to Improve Influenza and Tdap Vaccination Rates for Pregnant Women. *J Womens Health (Larchmt)*. Published online August 22, 2026. doi:10.1177/15409996261479513