NIH-funded Research as part of Ending the HIV Epidemic: CHIPTS Efforts
End the HIV Epidemic Initiative

**GOAL:**
- **75%** reduction in new HIV infections in 5 years
- **90%** reduction in 10 years

- **Diagnose** all people with HIV as early as possible.
- **Treat** people with HIV rapidly and effectively to reach sustained viral suppression.
- **Prevent** new HIV transmissions by using proven interventions, including pre-exposure prophylaxis (PrEP) and syringe services programs (SSPs).
- **Respond** quickly to potential HIV outbreaks to get needed prevention and treatment services to people who need them.
Coordination of HHS Agencies

Secretary of HHS

Assistant Secretary for Health

CDC
NIH
Health Resources & Services Administration
Indian Health Service
SAMHSA
Implementation Plan

- **Target focus initially on high incidence geographies**
  - Target 48 counties, DC and San Juan that account for 50% of diagnoses
  - Target select states with high rural HIV burdens to establish effectiveness in rural areas

- **Emphasize early diagnosis, immediate treatment, engagement**
  - Treat diagnosed persons rapidly to achieve viral suppression and stop transmission
  - Increase viral suppression from 50% to 90%: HRSA RW has achieved 85%

- **Expand pre-exposure prophylaxis (PrEP)**
  - Increase use by at-risk population from 10% to at least 50%

- **Rapid and overwhelming response to HIV outbreak clusters**
  - Monitor for early detection of clusters
  - Treat each new diagnosis as a “sentinel event”
CHIPTS EHE Projects

Regional Response to HIV Eradication Efforts in Southern CA counties *aka* Regional Coordination project

Use of Technology-Based PrEP to Improve Uptake, Adherence, and Persistence *aka* Digital PrEP

Preparing for Long-Acting Injectable Treatment for HIV in LA *aka* LAI ART