National EHE Priorities and Activities, a View from NIH

HIV Implementation Science Summit for EHE Supplement Projects

Carl W. Dieffenbach, Ph.D.
Director
Division of AIDS, NIAID
October 28, 2019
ENDING THE HIV EPIDEMIC: A PLAN FOR AMERICA

GOAL

75% reduction in new HIV infections in 5 years and at least 90% reduction in 10 years.

ACHIEVING THE GOALS

☑️ DIAGNOSE
All people with HIV as early as possible after infection

☑️ 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
Challenges

- Nationally, incidence has been unchanged
- Current Federal and State laws and regulations create significant structural barriers
- Patchwork of insurance coverage for treatment and PrEP
- Insufficient numbers and distribution of medical providers
- Stigma remains a challenge

What must be done differently to achieve the goals that define epidemic control?
EHE Implementation Plan

- **Phase I: Geographic Focus**
  - 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 environment

- **Phase II: Expand Efforts across the Nation**
  - Continue efforts to reduce new infections by 90% by 2030

- **Phase III: Intensive Case Management**
  - Maintain the number of new infections at fewer than 3,000/year
Operationalize 4 Pillars

- 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 Ryan White 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”
Bolstering The Pillars

- Engage community in how to meet their needs – stigma, housing, food are just examples
- Optimally use the tools that HRSA programs, Ryan White HIV/AIDS Program and Community Health Centers provide
- Expand, diversify and incentivize the workforce to achieve coverage
- Address the cost/insurance coverage issues
  - Think nationally, act and implement locally
  - Innovation at all stages of the research and implementation continuum
CFARs and ARCs are serving as the research platforms to support implementation science

Working with communities to identify local needs

In collaboration with CDC, HRSA, IHS, and SAMHSA-funded partners, implementing locally relevant best practices based on state-of-the-art biomedical research findings

Collect and disseminate data on the effectiveness of approaches used in the initiative
FY19 CFAR/ARC EHE and HHS Minority HIV/AIDS Funds (MHAF) supported one-year supplement opportunities (Spring 2019)

Sought locally-defined planning projects generated in collaboration with health departments, clinics, and community groups; will design and test implementation techniques

Proposals will investigate how to best deliver evidence-based interventions and services for populations that face a disproportionate risk of HIV

65 awards made in early September, supporting projects in 36 of the 48 targeted jurisdictions
NIH funded ISC³I to provide coordination, consultation, and technical support for CFAR/ARC EHE supplements funded

Role of ISC³I:

- Collect and report on EHE project milestones and outcomes to the NIH
- Encourage cross project collaboration and the use of shared implementation science frameworks
- Optimize data harmonization to be able to synthesize data across projects where appropriate
- Provide training on implementation science concepts relevant to the EHE
Plans for Current Year

- Cross NIH working group will help direct NIH-supported EHE activities
- Coordinate and align with HHS partners for FY20 plans
- Scale up successful CFAR/ARC FY19 projects
- Support EHE targeted unsolicited applications outside of the CFAR/ARC network
- Size and scope of activities will be adjusted based upon the budget appropriation
- Getting to Zero: Understanding HIV Viral Suppression and Transmission in the United States (PAR-20-036; posted 10/23/19)