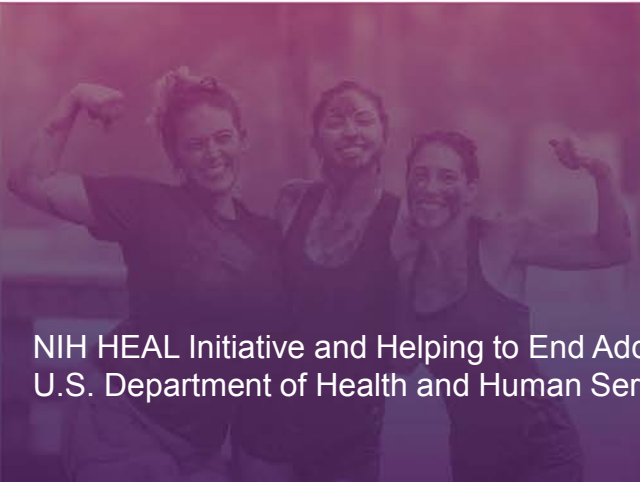




**NIH
HEAL
INITIATIVE**

Investigator Meeting

January 16 - 17, 2020 Hyatt Regency, Bethesda, Maryland



National Institutes of Health
HEAL Initiative

NIH HEAL Initiative and Helping to End Addiction Long-term are service marks of the U.S. Department of Health and Human Services.

#NIHhealInitiative

NIH HEAL INITIATIVE

Welcome

Francis S. Collins, M.D., Ph.D., Director, National Institutes of Health (NIH)

NIH HEAL Initiative and Helping to End Addiction Long-term are service marks of the U.S. Department of Health and Human Services.

#NIHhealinitiative



Introductory Remarks

Francis S. Collins, M.D., Ph.D., Director, National Institutes of Health (NIH)



**NIH
HEAL
INITIATIVE**

Helping to End Addiction Long-term

January 16, 2020

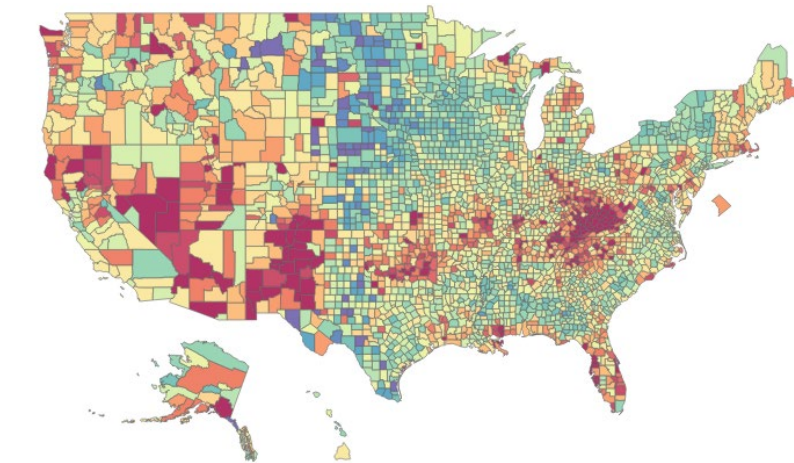
Francis S. Collins, MD, PhD
Director, National Institutes of Health



#NIHhealInitiative

National Crisis of Pain and Opioid Misuse, Addiction, and Overdose

In 2017, 70,237 Americans died from drug overdose

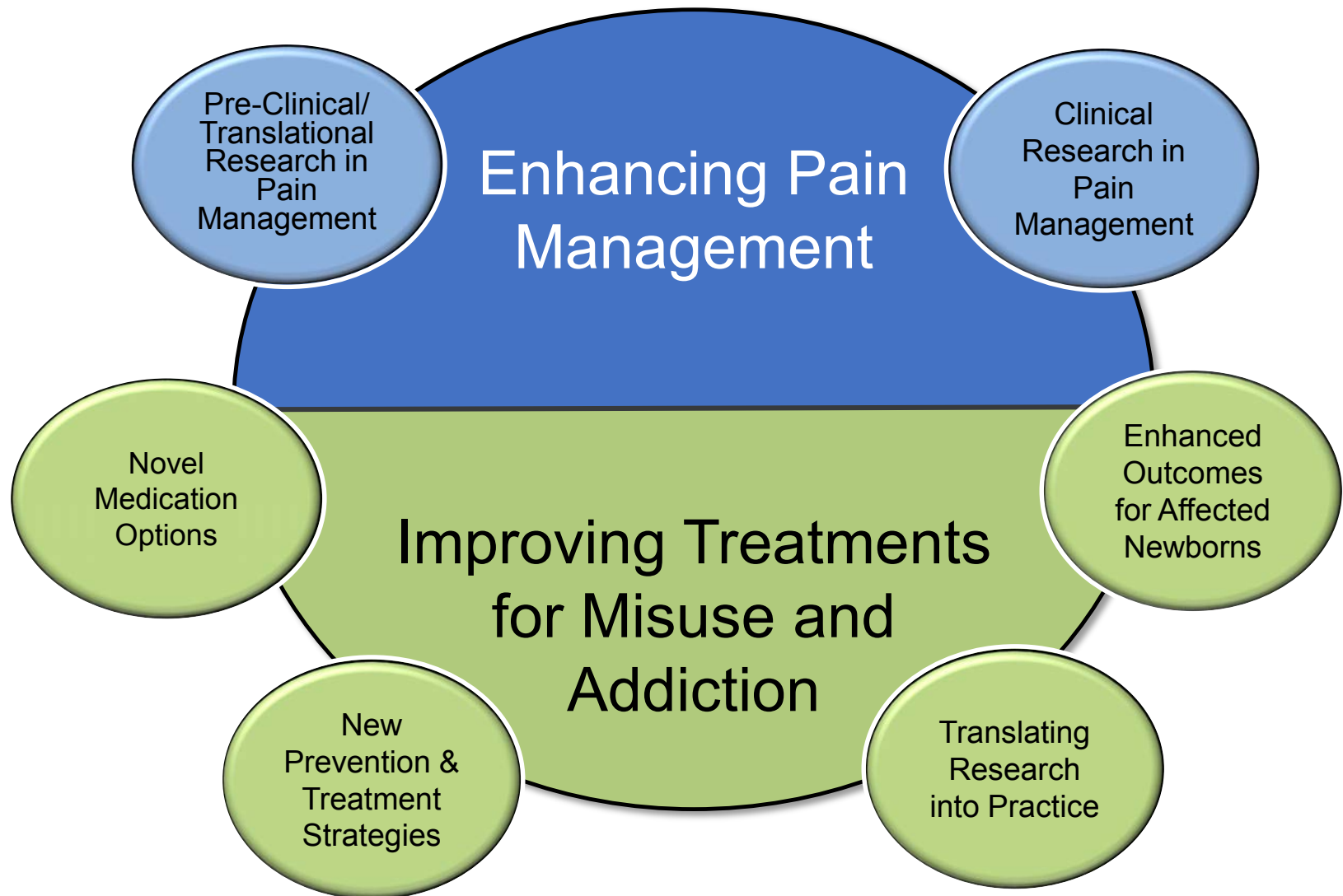


Legend for estimated age-adjusted death rate (per 100,000 population)



- 50 million adults are affected by chronic pain
- 20 million have high impact chronic pain

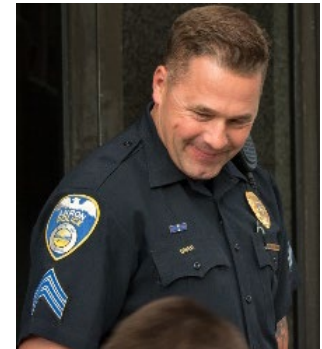
HEAL Initiative Research Overview



Problem:

Many people with OUD do not receive appropriate treatment for their disorder

- **Scientific solution:** Test integration of evidence-based interventions into community, justice and ER settings
 - The HEALing Communities Study
 - Justice Community Opioid Innovation Network (JCOIN)
 - Research focused on treatment in ER, primary care, among pregnant mothers, etc.



Problem:

Many patients who receive medications for OUD do not stay on treatment long enough to achieve long-term recovery

- **Scientific solution:** Research targeting new therapeutics for OUD to give patients more options for sustained recovery
 - Immunotherapies to opioids
 - Extended-release formulations
 - Medications to reduce drug cravings



Problem:

Pain control should be balanced with the risks of long-term opioid therapy

- **Scientific solution:** Research on non-addictive medications for pain and test new models of care in real world settings
 - Phase 2 trials of novel therapeutics for multiple different pain conditions
 - Controlled trial of acupuncture for chronic low back pain in older adults, in collaboration with CMS
 - Effectiveness research studies for an array of nonpharmacological pain management strategies

Problem:

There is no national standard for care of infants born exposed to opioids

- **Scientific solution:** Research to understand best treatments and long-term consequences for NAS/NOWS
 - Trials to inform screening and treatment for infants exposed to opioids
 - Long-term studies to understand pre- and post-natal opioid exposure on brain growth and development

