



Helping to End Addiction Long-term

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#NIHhealInitiative

NIH HEAL Initiative: By the Numbers

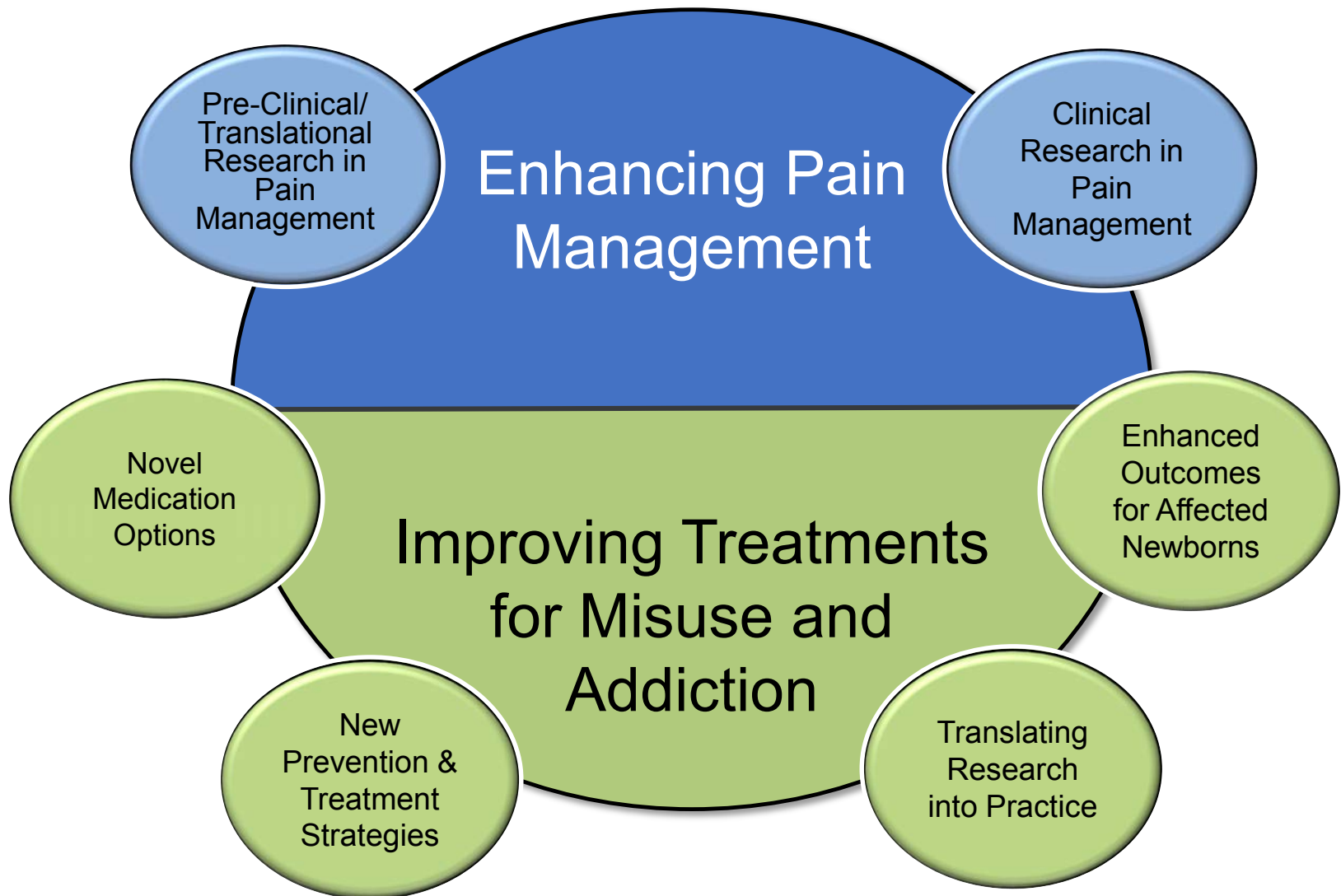
- Mission: scientific solutions to the opioids crisis
- \$500M/year effort
 - Over \$945M obligated in FY2019
 - Through 40+ funding opportunity announcements
 - Across 41 states
 - To over 400 Investigators (you!)

NIH HEAL Initiative: By the Numbers

- Over 25 HEAL research programs
 - 12 NIH Institute and Centers leading
 - 20 ICs collaborating on HEAL studies
 - From prevention, basic and translational research, clinical trials, to implementation science
- Trans-NIH governance structure
- Research ongoing for years to come



HEAL Initiative Research Overview



Novel Medication Options for Opioid Addiction and Overdose

- Increase effective medication options:
 - enhanced formulations
 - addressing craving and withdrawal
 - novel targets for addiction and overdose
- Immune-based therapies for heroin and fentanyl



Enhanced Outcomes for Affected Newborns

- Advancing Clinical Trials in Neonatal Opioid Withdrawal Syndrome: ACT NOW Study
- Understanding the long-term consequences of early opioid exposure: HEALTHY BCD Study



New Prevention & Treatment Strategies for Opioid Use Disorder

- Preventing OUD among at risk adolescents
- Managing opioid misuse and low severity OUD
- Understanding the role of sleep dysfunction
- Determining the optimal length of medication treatment
- Optimizing care for people with OUD and common mental disorders



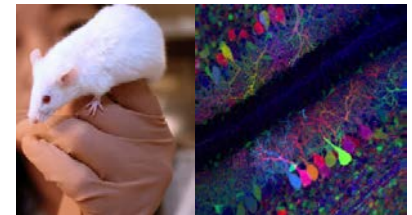
Translation of Research into Practice for Effective Treatments for OUD

- Enhancing the NIDA Clinical Trials Network to address opioids
- Promoting innovation in the criminal justice system
- Understanding the role of behavioral health interventions
- Integrating multiple evidence based interventions in communities: HEALing Communities Study



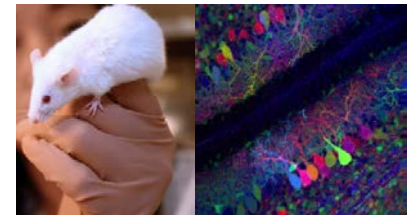
Pre-Clinical and Translational Research in Pain Management

- Discovery and validation of novel targets for safe and effective pain treatment
- Translating discoveries into effective devices for pain treatment
- Engineering preclinical screening platforms + novel drug development
- Biomarkers, signatures and endpoints for pain



Clinical Research in Pain Management

- Test novel treatments in a new clinical trials network: (EPPIC Net)
- Back Pain Research Consortium
- Integrated approach to pain and opioid use in hemodialysis patients
- Pain Management Effectiveness Research Network
- Pragmatic and Implementation Studies for the Management of Pain



Cross-cutting HEAL Themes

- Engagement of research participants, patients, and stakeholders
- Sharing and open access of data
 - HEAL Public Access and Data Sharing Policy
 - Harmonized measures established by HEAL teams
- Leveraging expertise across disciplines and sectors
 - NIH, government, researchers, and communities

First HEAL Investigators Meeting Day #1: January 16

- Leadership introductions
- Plenary panel discussions on (1) pain and (2) opioid use disorder
- Discussion of data sharing and harmonization across HEAL
 - Lunch break
 - Plenary and small group data discussions
- Cross-cutting topics breakout groups
- Lessons from national reporters
- Posters and networking

First HEAL Investigators Meeting Day #2: January 17

- Collaborations and federal partnerships
 - SAMHSA, FDA, CMS and CDC leadership
- Keynote from Surgeon General Adams
- Understanding stigma
- Future opportunities in HEAL
- Closing remarks from Secretary Azar

Goals for the Meeting

- Establish the HEAL investigator network through streamlined communications and the shared expertise of HEAL researchers
- Increase awareness of the geographic, thematic and programmatic scope of HEAL
- Explore commonalities and enhance individual programs to optimize the successes of HEAL
- Consider priorities for HEAL research going forward



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www.heal.nih.gov