Helping to End Addiction Long-term

April 14, 2021
Rebecca Baker, Ph.D.
Crisis #1: National Overdose Deaths

- Drug overdose deaths have increased dramatically in 15 years
- After a period of leveling, new increases in 2019 and 2020
- COVID-19 has had a profound impact on the ongoing opioid epidemic
  - Increased rates of drug use and overdose
  - Challenges to treatment, patients and communities

Percentage change in 12-months on all fatal drug overdoses ending August 2020

National Public Health Emergency declared in 2017
The Response: $500 million/year Sustained Research Investment

25+ HEAL Research Programs

- Prevention – Basic & Translational Research – Clinical Trials – Implementation Science

- 12 NIH ICs leading studies

- 20 NIH ICs collaborating on studies

- Trans-NIH governance structure

- Partnerships across government, communities, and the private sector

NIH - Helping to End Addiction Long-term
NIH HEAL INITIATIVE RESEARCH OVERVIEW

ENHANCING PAIN MANAGEMENT

IMPROVING TREATMENTS FOR OPIOID MISUSE AND ADDICTION

1. Pre-Clinical/Translational Research in Pain Management
2. Clinical Research in Pain Management
3. Novel Medications Options
4. Enhanced Outcomes For Affected Newborns
5. Translating Research Into Practice
6. New Prevention & Treatment Strategies
Problem: Many patients do not stay on medication-based treatment long enough to achieve long-term recovery

• HEAL Research: Develop novel, longer-lasting and innovative treatments
  o Immunotherapies to prevent relapse and overdose
  o Extended-release formulations
  o Medications to reduce drug cravings
Problem: Many people with opioid use disorder do not receive appropriate treatment

- **HEAL Research**: Develop new interventions and test integration into community, justice and emergency settings where people come seeking help
Upcoming Events

• May 17 – Second Annual HEAL Initiative Investigator Meeting
• HEAL Idea Exchange – open until June 1, 2021
  ○ Visit: [https://nih-heal.ideascale.gov/](https://nih-heal.ideascale.gov/)

Moving HEAL Research into Action

We want your ideas about how to:

- Engage with NIH around solutions to the opioid crisis
- Share ideas on various ways research can address the crisis
- Share HEAL results with communities
### Open Funding Opportunities

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<tr>
<th>FOA #</th>
<th>FOA Title</th>
<th>Research Focus Area</th>
<th>Earliest Submission Date</th>
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<td>NOT-NS-21-025</td>
<td>HEAL Initiative: Notice of Special Interest (NOSI) regarding the Availability of Administrative Supplements to Support Strategies to Increase Participant Diversity, Inclusion and Engagement in Clinical Studies</td>
<td>Fri, 04/30/2021</td>
<td>Sat, 05/01/2021</td>
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<td>NOT-NS-21-026</td>
<td>HEAL Initiative: Notice of Special Interest (NOSI): Limited Competition to Support Mentorship of Junior Investigators</td>
<td>Sat, 06/12/2021</td>
<td>Sun, 06/13/2021</td>
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<td>RFA-DA-19-019</td>
<td>HEAL Initiative: America's Startups and Small Businesses Build Technologies to Stop the Opioid Crisis (R43/R44 - Clinical Trial Optional)</td>
<td>Sun, 12/09/2018</td>
<td>Thu, 09/09/2021</td>
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www.heal.nih.gov

#NIHheallInitiative