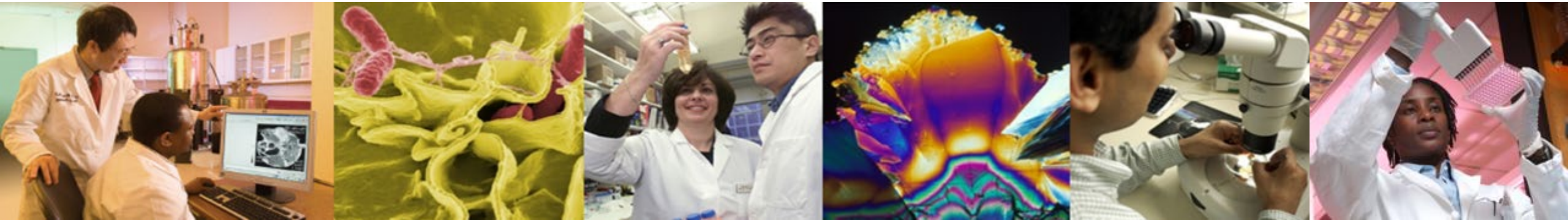


Update on NIH Priority Initiatives

Tribal Advisory Committee Meeting

March 21, 2019



Lawrence A. Tabak, DDS, PhD
Principal Deputy Director, NIH



Topics for Today

- The Opioid Crisis
- Ongoing NIH Efforts to Understand and Improve Opioid Use in AI/AN Communities
- Upcoming Opportunities: the Helping to End Addiction Long-term (HEAL) Initiative
- All of Us: Update on AI/AN Engagement and Consultation Process/Timeline



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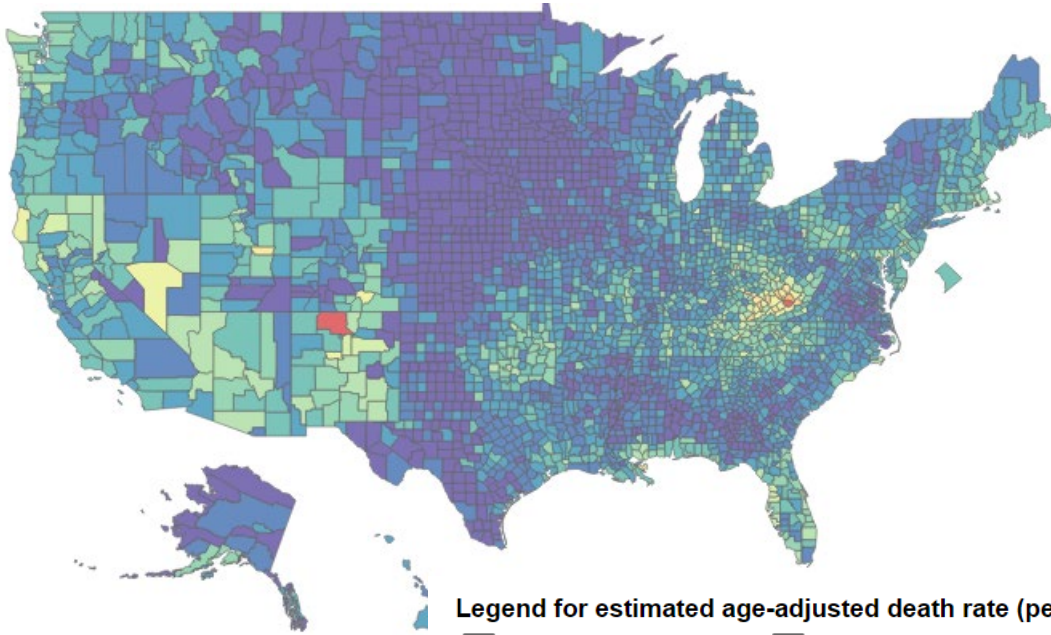
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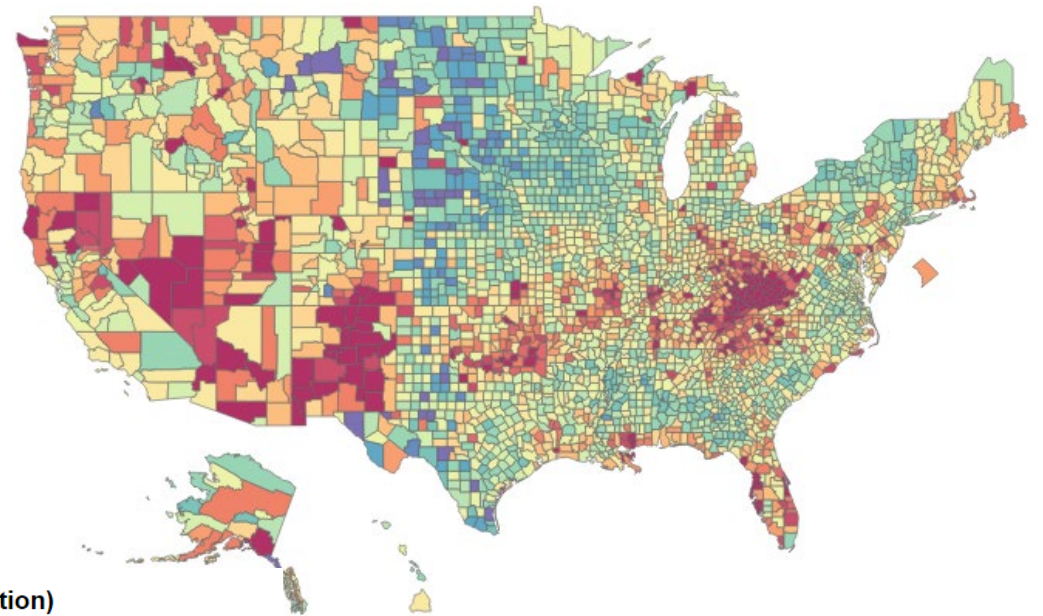
The Crisis: National Overdose Death Rates

In **2017**, there were **70,237** overdose deaths (9.6% higher than 2016)

1999



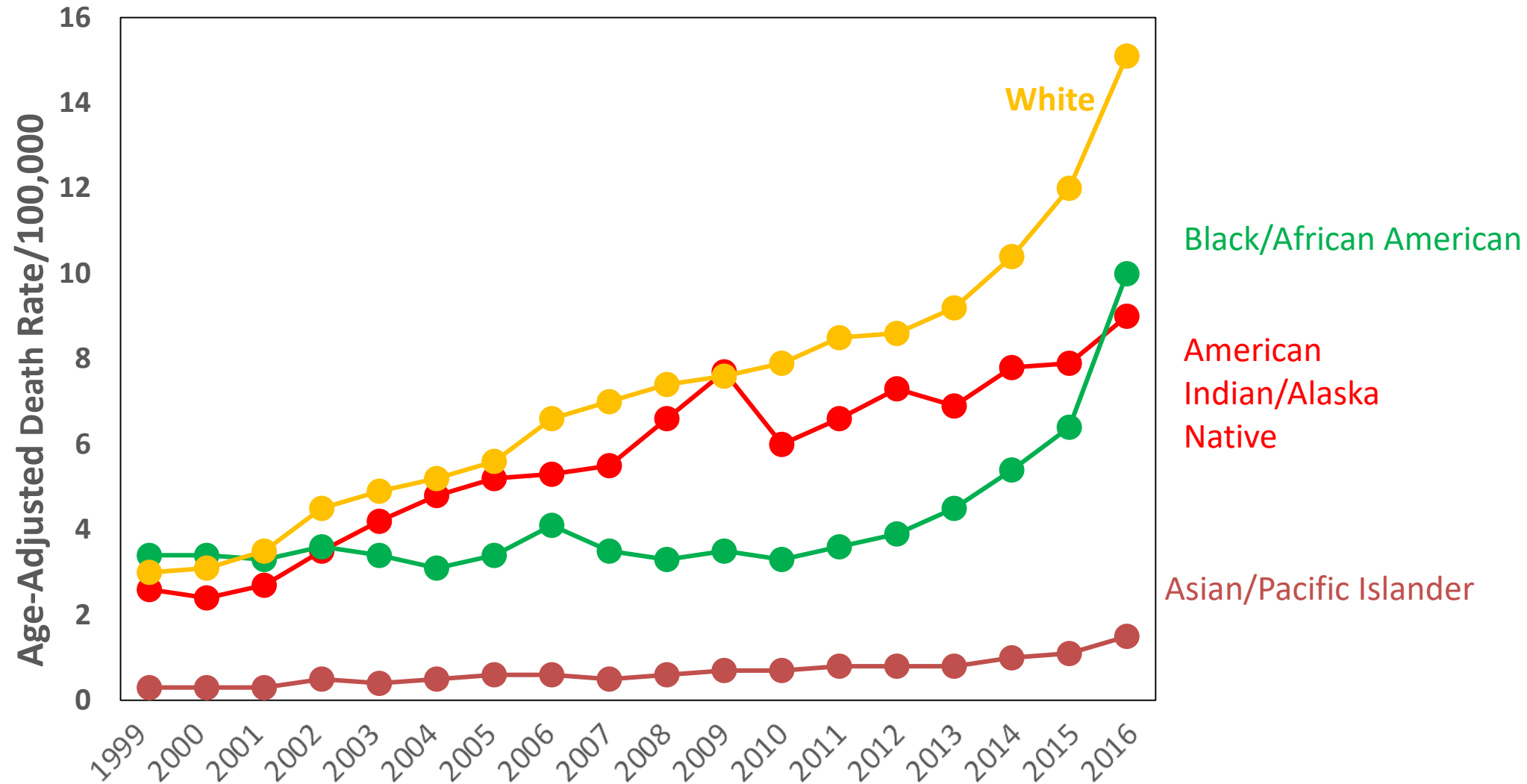
2016



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



Opioid Overdose Death Rates by Race



Centers for Disease Control and Prevention, National Center for Health Statistics. Multiple Cause of Death 1999-2016 on CDC WONDER Online Database, released December, 2017. Data are from the Multiple Cause of Death Files, 1999-2016, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at <http://wonder.cdc.gov/mcd-icd10.html>

Challenges for Rural & Tribal Communities

Geographic:

- Geographic isolation
- Limited transportation options

Socio-economic:

- Increased economic stress
- Chronic pain and injury are more common in rural areas¹

Medical System issues:

- Higher prescribing rates
- Limited access to treatment programs/treatment providers²
- Decreased naloxone access³
- Lengthy EMS response time
- Difficulty accessing Emergency Care

Stigma:

- Increased chance you personally know someone at treatment center⁴



1. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3935688/>

2. Jones EB. Medication-Assisted Opioid Treatment Prescribers in Federally Qualified Health Centers: Capacity Lags in Rural Areas. J Rural Health. 2017 Aug 26.

3. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC445515/>

4. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3995852/>

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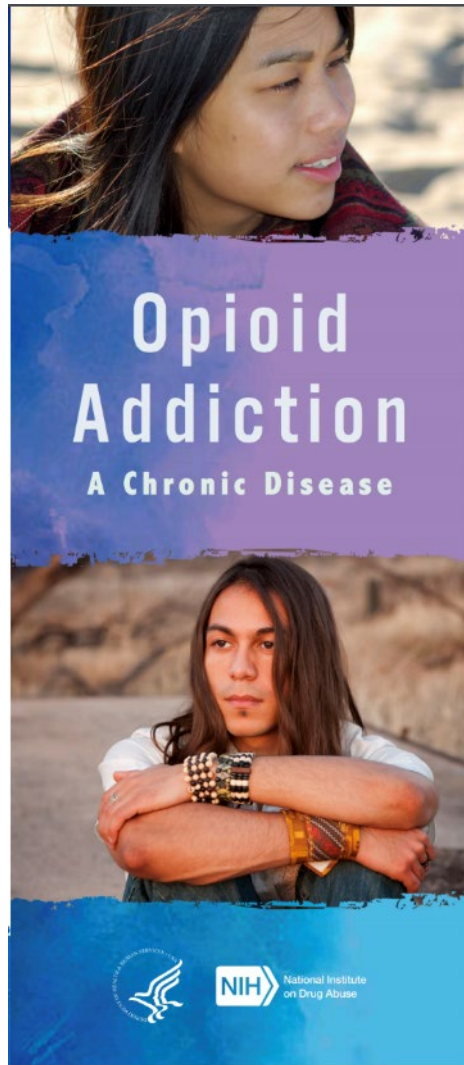
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Ongoing NIH Efforts to Understand and Improve Opioid Use in AI/AN Communities

- Research projects through Native American Research Centers for Health to:
 - Identifying risk, resilience and recovery factors associated with OUD to inform the development of culturally congruent interventions
 - Access uptake and barriers to the provision of opioid treatment, including medications for OUD, in norther Minnesota and describe risk, resilience and recovery factors specific to OUD in part through the lens of the Seven Teachings
 - Understand barriers and strategies for implementing prescription take-back programs in tribes in California

Ongoing NIH Efforts to Understand and Improve Opioid Use in AI/AN Communities



- National Drug Early Warning System (NDEWS) program
 - Studying the extreme disparity in overdose deaths for AI/AN in Minnesota
 - In partnership with one tribe to better understand the circumstances surrounding each overdose death by conducting fatality reviews
- Knowledge of and Attitudes about Medication Assisted Treatment Within American Indian Communities
 - Focuses on barriers to and opportunities for the implementation and sustained use of medications for OUD for AI/AN in Washington state
 - Through NIDA's Clinical Trials Network

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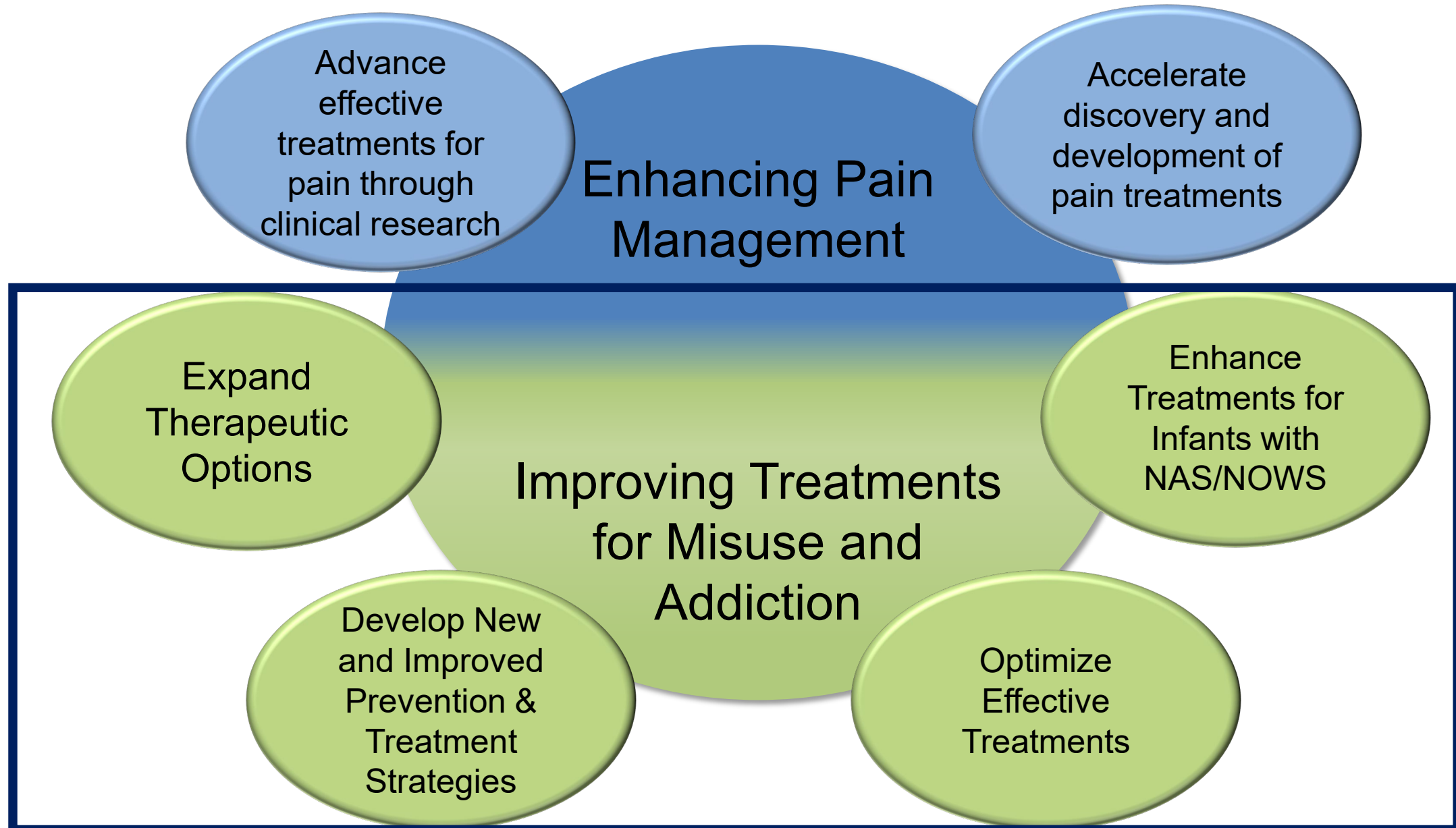
The Response:

Helping to End Addiction Long-term (HEAL) Initiative

- Trans-NIH research initiative to:
 - Improve prevention and treatment strategies for opioid misuse and addiction
 - Enhance pain management
- Goals are scientific solutions to the opioid crisis
- Coordinating with the HHS Secretary, Surgeon General, federal partners, local government officials and communities

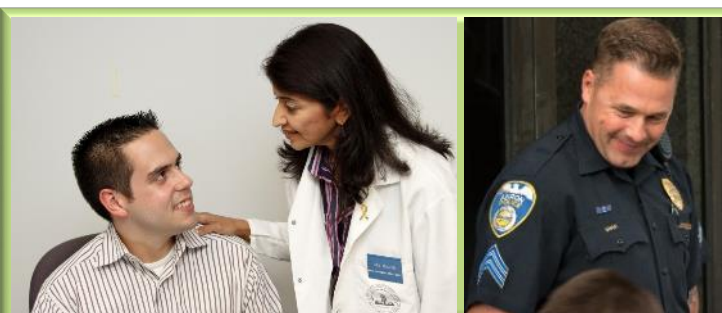


HEAL Initiative Research



Improving Prevention and Treatment Strategies for Opioid Addiction

- Optimize Effective Treatments
 - Enhancing the NIDA Clinical Trials Network to address opioids
 - Promoting innovation in the criminal justice system
 - Justice Community Opioid Intervention Network
 - Understanding the role of behavioral health interventions
 - Behavioral Research to Improve Adherence to Medication-based treatment for OUD (BRIM)
 - Integrating multiple evidence based interventions in communities
 - The HEALing Communities Study



Improving Prevention and Treatment Strategies for Opioid Addiction

- Enhance Treatments for Infants with NAS/NOWS*
 - Advancing Clinical Trials in Neonatal Opioid Withdrawal Syndrome
 - ACT NOW Study
 - Understanding the long-term consequences of early opioid exposure
 - HEALthy Brain and Cognitive Development (BCD) Study

*Neonatal Abstinence Syndrome/ Neonatal Opioid Withdrawal Syndrome (NOWS)



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Update on AI/AN Engagement and Consultation Process/Timeline



The *All of Us* Research Program is a historic, longitudinal effort to **gather data from one million or more people** living in the United States **to accelerate research and improve health**. By taking into account individual differences in **lifestyle, socioeconomics, environment, and biology**, researchers will uncover paths toward delivering **precision medicine – or individualized prevention, treatment, and care – for all of us**.



AI/AN Engagement Activities and Consultation Planning Process

After initially accepting, several National AI/AN organizations decline to participate in the listening sessions proposed by the TCWG, suggesting that AOU instead move forward with formal consultation

AOU posts the TCWG report on allofus@nih.gov

Chief Malerba presents an update to TAC about plans to move forward with formal consultation based upon feedback from AI/AN National Organizations and stakeholders

AoU receives additional recommendations re; consultation process under development from Dave Wilson/THRO Team



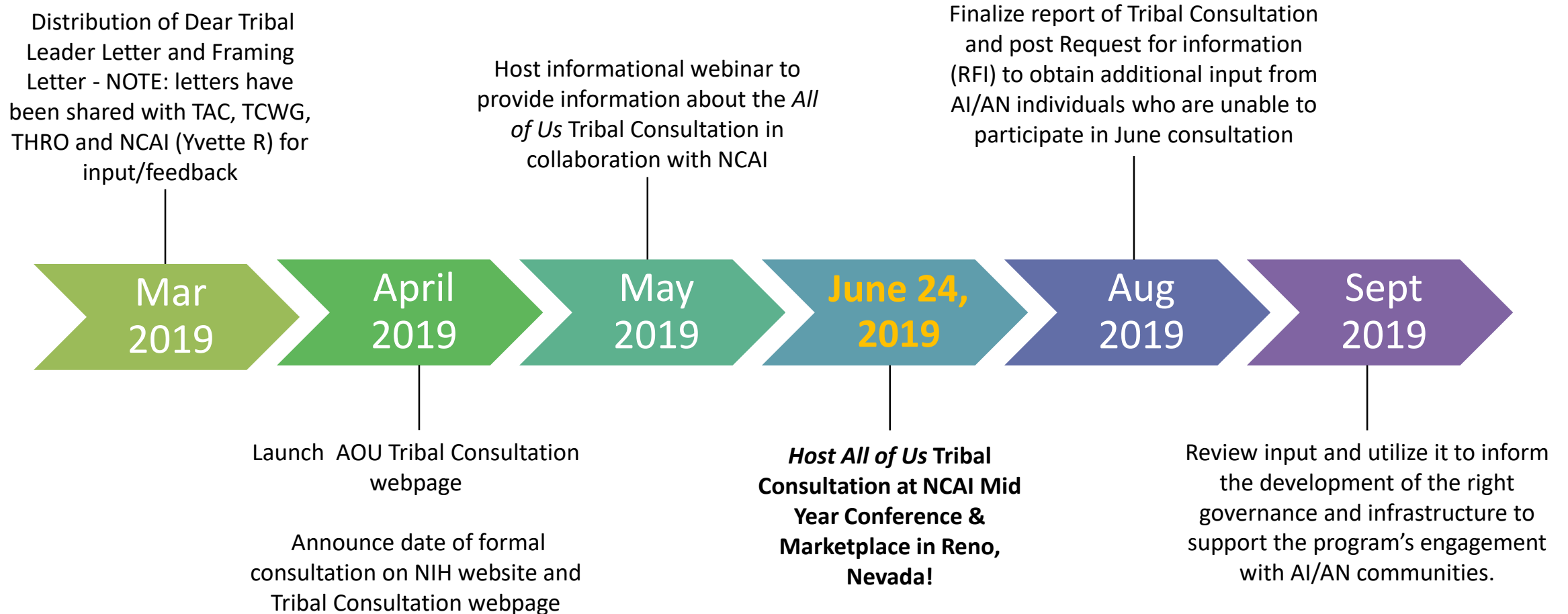
AOU asks Dave Wilson to distribute a copy of the TCWG report to TAC members to obtain their input/feedback

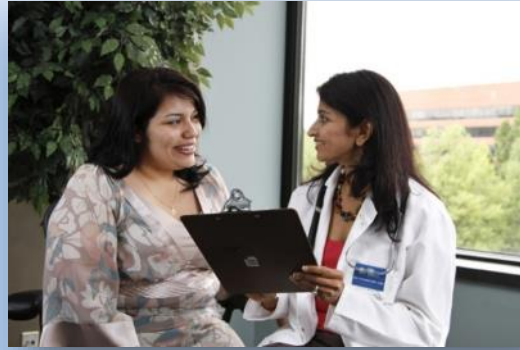
AOU requests a copy of the TAC NIH consultation policy under development from Dave/THRO to help inform AOU consultation planning.

AoU presents consultation plan to TAC and requests input and feedback

Yvette Roubideaux/NCAI kindly agrees to host AoU Tribal consultation at NCAI Mid Year Conference on June 24, 2019!

Next Steps for *All of Us* AI/AN Consultation and Beyond

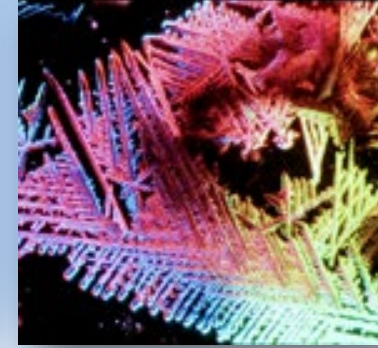
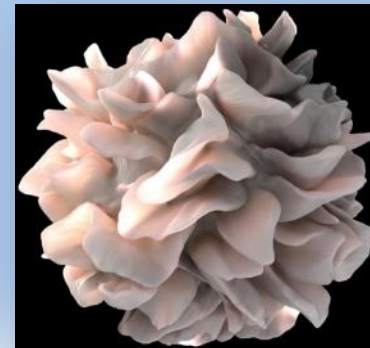
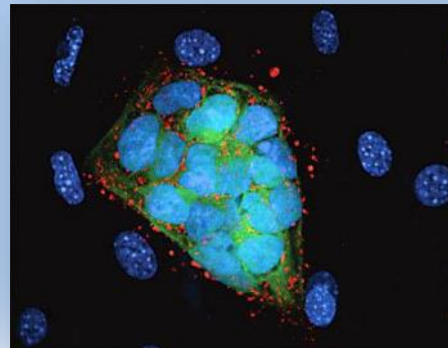




NIH...

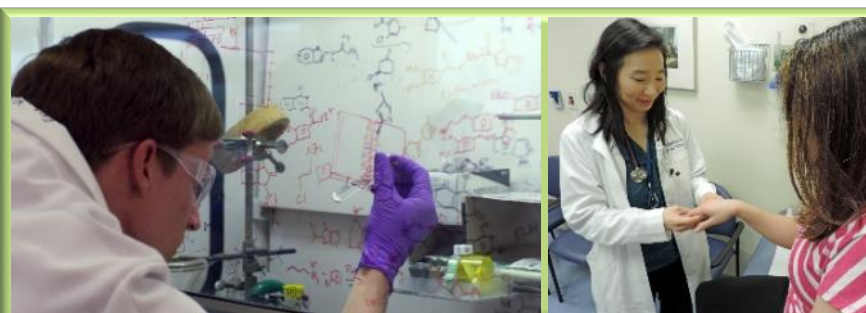
Lawrence.Tabak@nih.gov

Turning Discovery Into Health



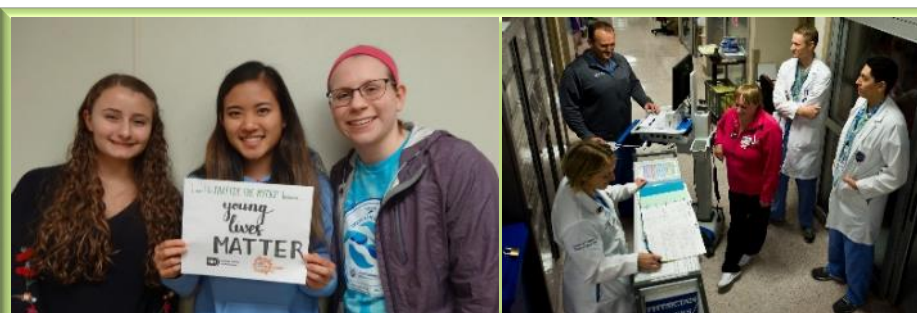
Improving Prevention and Treatment Strategies for Opioid Addiction

- Expand therapeutic options
 - New, more user-friendly formulations of existing medications
 - Longer duration, more powerful overdose-reversers
 - New approaches to reverse respiratory depression
 - Immunotherapies for opioids to prevent relapse and overdose
 - New targets and approaches for treating Opioid Use Disorder (OUD)



Improving Prevention and Treatment Strategies for Opioid Addiction

- Develop New and Improved Prevention & Treatment Strategies
 - Preventing at risk adolescents from transitioning to OUD as they transition to adulthood
 - Understanding the role of sleep dysfunction in OUD and recovery
 - Managing opioid misuse and low severity OUD
 - Determining the optimal length of medication treatment for OUD
 - Optimizing collaborative care for people with OUD and common mental disorders



Overview of All of Us Tribal Collaboration Working Group (TCWG) Activities

