

Research Funding Opportunities at the National Institute on Drug Abuse (NIDA)

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Presented at the 2023 Annual ASAM Conference



Disclosure Information

- ◆ Presenter 1: Geetha Subramaniam, M.D., DLFAPA, DFAACAP
 - ◆ No Disclosures

Learning Objectives

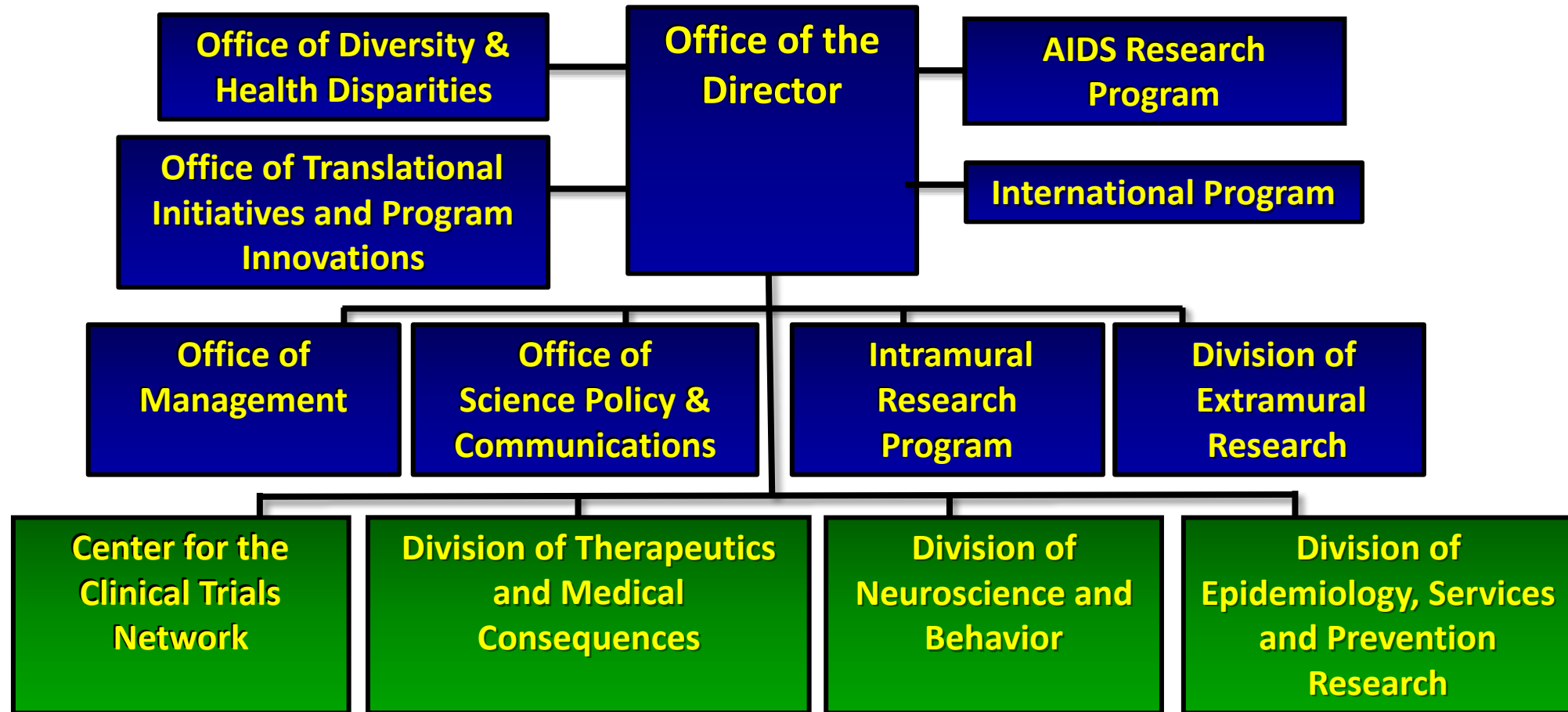
At the end of the session, the attendee will:

- ◆ become knowledgeable of NIDA's mission and strategic plan, Clinical Trials Network updates, and NIDA's data science/data sharing resources.
- ◆ be informed of NIDA's grant mechanisms, career development pathways, grant submission and review processes, including initiatives addressing health disparities research.
- ◆ become aware of NIDA's Small Business Innovation Research /Small Business Technology Transfer (SBIR/STTR) Programs and novel funding authorities such as prizes and open competitions.

Content

- ◆ NIDA - organization, strategic plan, appropriation
- ◆ Select Research Initiatives – NIH, NIDA
- ◆ Select Research Priorities – NIDA
- ◆ National Drug Abuse Treatment Clinical Trials Network (CTN)
- ◆ NIDA Data Share

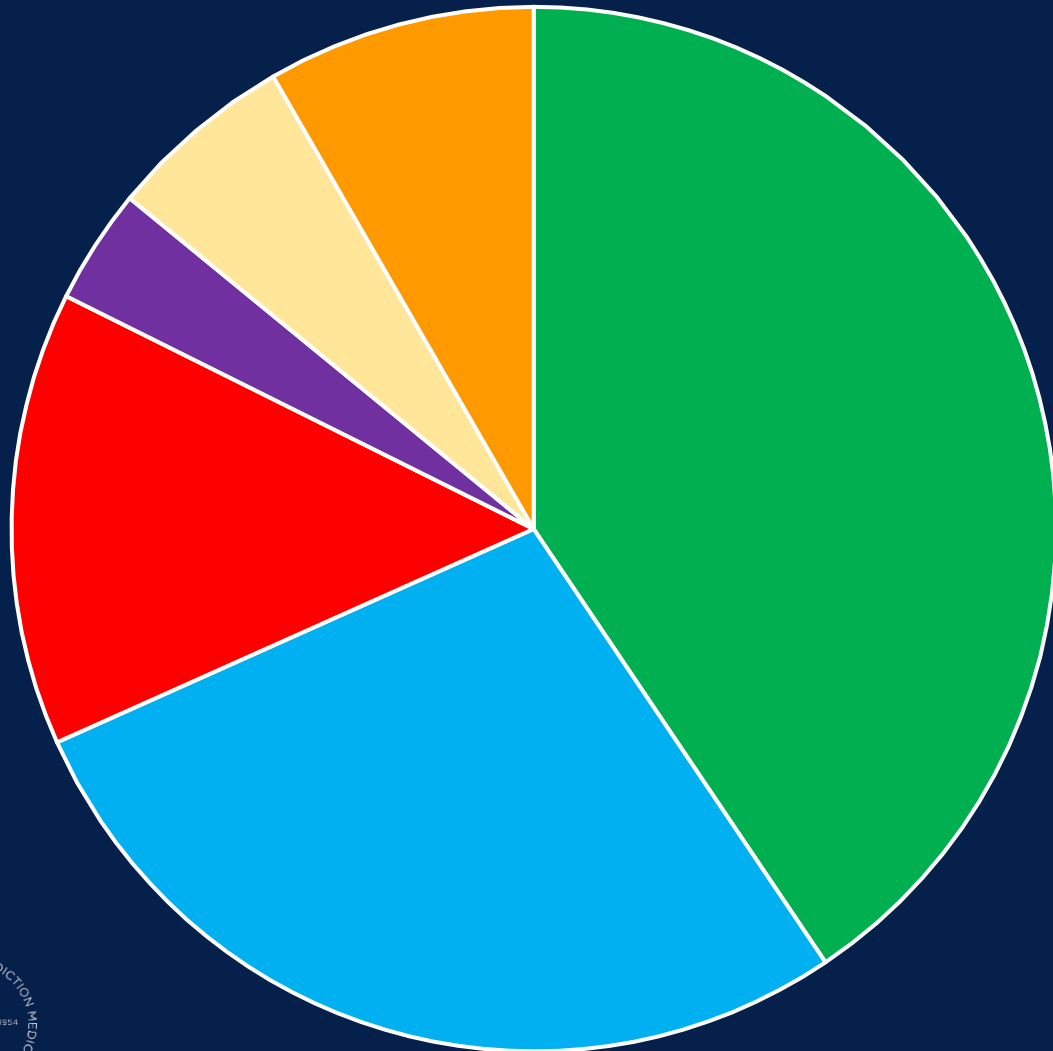
NIDA: Organizational Chart



FY 2022-2026 NIDA Strategic Plan



National Institute on Drug Abuse Portfolio (Annual Appropriation)



- Division of Neuroscience & Behavior -- 41%
- Division of Epidemiology, Services & Prevention Research -- 28%
- Division of Therapeutics and Medical Consequences -- 14%
- Center for the Clinical Trials Network -- 4%
- RMS -- 6%
- Intramural Research -- 8%

MEDICAL RESEARCH INITIATIVES

! The NIH intramural research program has shifted all non-mission-critical laboratory operations to a maintenance phase in order to promote physical distancing and diminished transmission risk of COVID-19. Effective Monday, March 23, 2020, **only mission-critical functions** within NIH research laboratories will be supported.



NIH-Wide Strategic Plan for COVID-19 Research
A framework for accelerating the development of therapeutic interventions, vaccines, and diagnostics for SARS-CoV-2.



Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV)
A coordinated research strategy for prioritizing and speeding development of the most promising treatments and vaccines.



Rapid Acceleration of Diagnostics (RADx)
An initiative to speed innovation in the development, commercialization, and implementation of technologies for COVID-19 testing.



21st Century Cures Act
Providing NIH with critical tools to further advance biomedical research, promote innovation and speed development of new therapies.



Cancer MoonshotSM
Cancer prevention and detection while making more therapies available to more patients.



The BRAIN Initiative
Learn about an audacious initiative aimed at revolutionizing our understanding of the human brain.



Trans-NIH ME/CFS Working Group
Learn about shared areas of interest and challenges to advance ME/CFS research.



All of UsSM Research Program
Learn about disease treatment and prevention that takes into account individual variability in genes, environment, and lifestyle.



Environmental influences on Child Health Outcomes (ECHO) Program
Learn about new research to understand environmental influences on child health.



Accelerating Medicines Partnership (AMP)
A bold venture to help identify new treatments and cures for diseases.



Rigor and Reproducibility
Information about the efforts underway by NIH to enhance rigor and reproducibility in scientific research.



Data Science at NIH
The NIH is dedicated to harnessing the potential of the computational and quantitative sciences to elevate the impact and efficiency of biomedical research.



Diversity
Find out about the "Enhancing the Diversity of the NIH-funded Workforce" Program.



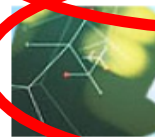
NIH HEAL Initiative
Trans-agency effort to speed scientific solutions to stem the national opioid crisis.



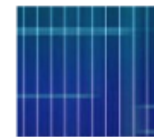
The INCLUDE Project
Agency-wide initiative on the critical health needs of individuals with Down syndrome.



Women in Biomedical Careers
Learn how NIH is maximizing the potential of women scientists and engineers.



NIH Common Fund
Learn how NIH is accelerating discovery by supporting cross-cutting, trans-NIH programs.



Blueprint for Neuroscience Research
Learn how NIH is enhancing collaboration in support of research on the nervous system.



Sound Health: An NIH-Kennedy Center Partnership
Music can get you moving, lift your mood, and even help you recall a memory, but can it improve your health?

<https://www.nih.gov/research-training/medical-research-initiatives>

Trans-NIH Research Initiatives

COVID-19 Research

NIH Common Fund

The BRAIN Initiative

NIH HEAL Initiative

NIH Helping to End Addiction Long-term (HEAL) Initiative

A trans-agency effort to speed scientific solutions to the opioid public health crisis

- ◆ 50+ funding announcements
- ◆ More than 600 research projects
- ◆ Over \$2 billion in research

<https://heal.nih.gov/funding/open>

NIH HEAL INITIATIVE RESEARCH OVERVIEW



NIDA's Funding Opportunities

Grants and Funding

NIDA Funding Opportunities

FY22 Priority Research Areas

Small Business Innovation Research (SBIR) and Technology Transfer (STTR) Programs

Special Considerations for NIDA Funding Opportunities and Awards

NIDA Funding Strategy

Trans-NIH Funding Opportunities

NIDA Office of Acquisitions Contracting

Technology Transfer

Search for Funding

Opportunities

- [Notices](#)
- [Notices of Special Interest](#)
- [Active NIDA Requests for Applications \(RFAs\)](#)
- [Active NIDA Program Announcements \(PAs\)](#)

Special Considerations

- [Special Considerations for NIDA Funding Opportunities and Awards](#)



Courtesy of NIDA

<https://nida.nih.gov/funding/nida-funding-opportunities>

- [NIDA Funding Strategy](#) – A review of NIDA's strategy for funding, based on programmatic priorities.
- [FY22 Priority Research Areas](#) – Selected NIDA research priorities for FY22.
- [Notice of Special Interest \(NOSI\)](#) - formerly known as *Drug Abuse Topics of Special/Continuing Interest (DAT)*
- [National Advisory Council on Drug Abuse \(NACDA\) Approved Concepts](#) – The purpose, scope, and objectives of approved concepts for potential funding opportunities.
- [NIDA Challenges Program](#) – Crowd-sourced opportunities for providing solutions for particular goals.
- [Support for Research Training and Career Development](#) – Grant funding opportunities for research training and career development at institutions across the country.
- [Helping to End Addiction Long-term \(HEAL\) Initiative](#) – Congressional initiative to address the opioid overdose crisis.
- [NIDA International Program](#) – International research collaboration opportunities on drug abuse and addiction.

Select Priority Areas

Therapeutics:

Novel therapeutics for OUD, stimulant use disorders, and overdose
New patient-centered endpoints for SUD treatment trials

Prevention:

Intervention development and implementation/delivery programs
Social determinants of health

Services:

Justice-related research
Patient-centered models of care

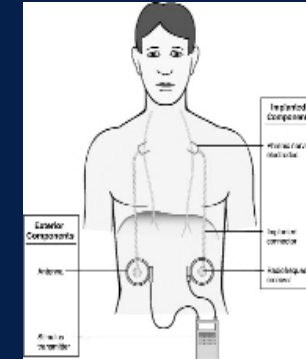
Neuroscience:

Fentanyl and fentanyl analogs
Neural circuits and mechanisms underlying addiction

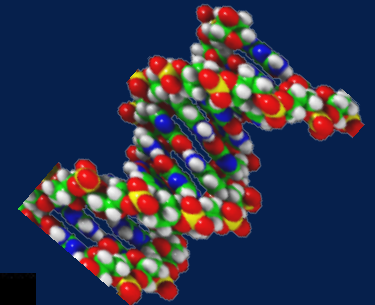
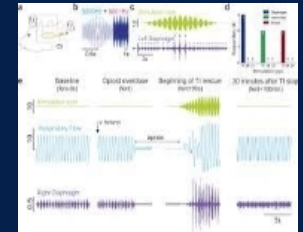
Genetics and epigenetics



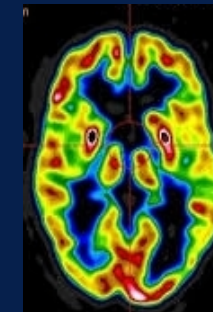
Monoclonal Antibodies



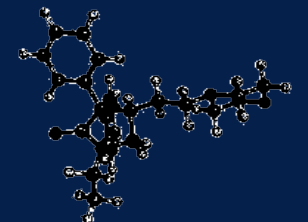
Breathing stimulators



Genetics



Cognition



Chemistry



Select CTN Studies



Multi-Site Clinical Studies

1. Medication Treatment for Opioid-dependent Expecting Mothers **(MOMS)**
2. Emergency Department-Initiated Buprenorphine **(ED-INNOVATION)**
3. Rural Expansion of Medications for Opioid Use Disorder
4. Rapid Initiation for Extended Release Injection Naltrexone
5. Optimizing Retention, Duration and Discontinuation for OUD Medication **(RDD)**
6. Subthreshold OUD Trial **(STOP)**
7. RCT of injectable naltrexone and injectable buprenorphine for MUD **(MURB)**
8. TMS for Stimulant Use Disorders
9. RCT of Naltrexone-ER and Monthly Inj Buprenorphine for Cocaine Use Disorder **(CURB-2)**
10. Ketamine for MUD

Studies Using Datasets

1. Individual Level Predictive Modeling of OUD Treatment Response Using CTN Datasets
2. Analyses of VA Databases to Examine Patient Characteristics Associated with Bup Termination
3. Medicaid Analysis Comparing Outcomes in Residential and Outpatient Treatment
4. Impact of Drug-focused Twelve Step Mutual Help Groups Using the VA Database
5. Developing a Prescription Opioid Registry in Diverse Health Care Delivery Systems
6. Identifying Correlates of Precipitated Withdrawal During Bup Induction in Fentanyl users

Expansion of Existing CTN Studies

1. Ancillary Study Adoption and Sustainability of ED-Initiated Buprenorphine
2. Economic Analysis of Primary care Opioid Use Disorder Trial
3. Data Analysis of CTN Studies to Examine the Impact of Psychosocial Treatments for Black People who use Cocaine

Closing the Treatment Gap

1. Culturally Centered MOUD in Programs Serving American Indian/Alaska Natives
2. OUD Clinical Decision Support in Med. Settings
3. Development of a Pharmacy-based PDMP Risk Assessment Tool
4. Peer recovery Support: A Bridge to Treatment for Overdose Survivors
5. Integrating pharmacy-based prevention and Tx: A survey of pharmacists and stakeholders
6. Exploring Health Beliefs for Community Engagement and Diversity in Clinical Trials
7. Integrated Care and Treatment for Severe Infectious Diseases and Substance Use Disorders (SUD) among Hospitalized Patients

Training and Dissemination

1. Increasing PCP Prescribing of Buprenorphine
2. Integrating Nurse Practitioner Buprenorphine Waiver Training into Graduate Nursing Curriculum
3. Expanding Clinical Research Training on Implementing the Hub and Spoke Model
4. Preventing and Identifying OUD by Improving Opioid Prescription Management

NIDA Data Share Website

[Home](#)[About Us](#)[Data](#)[Assessments](#)[Guidelines](#)[Other Links](#)[FAQ](#)[Contact Us](#)[Home](#)

The NIDA Data Share site has been updated. Please [Contact Us](#) with any questions or comments. Thank you.

Home

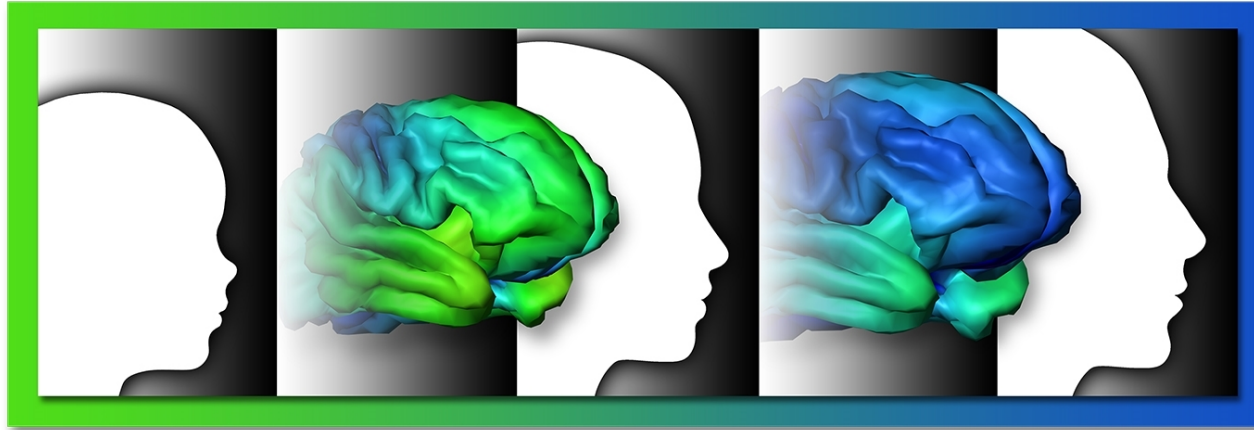
Purpose

The NIDA Data Share web site is an electronic environment that allows data from completed clinical trials to be distributed to investigators and the public in order to promote new research, encourage further analyses, and disseminate information to the community. Secondary analyses produced from data sharing multiply the scientific contribution of the original research. NIH expects and supports the timely release and sharing of final research data from NIH-supported studies for use by other researchers to expedite the translation of research results into knowledge, products and procedures to improve human health.

(see <http://grants1.nih.gov/grants/guide/notice-files/NOT-OD-03-032.html>).

This website was created in order to make the NIDA Clinical Trial data available to as wide an audience as possible. As studies are completed and their data become available, this web site will be linked to those data. The following information will be posted per protocol:

1. Study protocol
2. Reference to study publication of primary outcome
3. Data sets (SAS and ASCII)
4. Annotated case report forms
5. Define file (also known as Data Dictionary)
6. Study-specific de-identification notes



Adolescent Brain Cognitive Development[®]

Teen Brains. Today's Science. Brighter Future.

A longitudinal study of about 10,000 children from ages 9-10 through early adulthood to assess factors that influence individual brain development trajectories and functional outcomes

ABCD data repository <https://nda.nih.gov/abcd/>

**<https://nda.nih.gov/abcd>
AdolescentBrain@mail.nih.gov**