

Fulfilling the Mandate to Innovate

PANEL

NCATS

Immutable Truths and Expectations

- Science is the primary driver
- Fair competition
- Objective review
- Terms of award
- Federal funding
- Stewardship
- Regulatory compliance

Administrative Synergy

Can we achieve administrative and managerial synergy by utilizing currently available and new tools or combinations of tools to support innovative biomedical translation activities?

Yes!



Funding Instruments at NIH

- Traditional
 - Grants
 - Contracts
 - Cooperative Agreements
 - Supplements
 - Inter- and Intra-agency Agreements
 - Resource-access Awards
 - Cooperative Research and Development Agreements
- New
 - Pre-applications/Concept papers
 - Challenges/Prize Competitions
 - Other Transactions

Effective Instruments Facilitate

- Nontraditional awardees
- Nimble collaborations
- Interactive decision making
- Milestone-driven progress
- Streamlined processes

Additional Resources

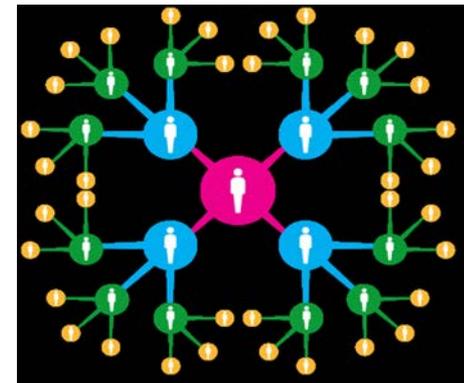
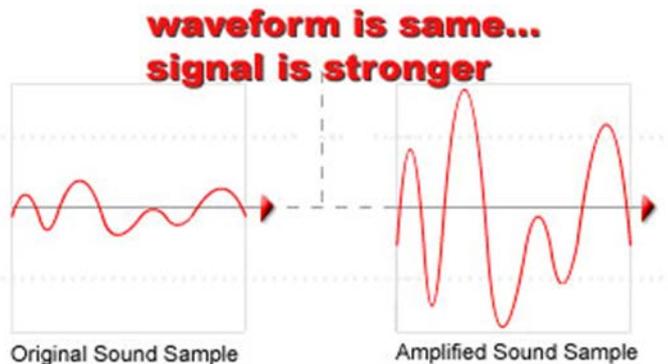
- HHS IDEA Lab
- Evaluation Set-Aside Needs Assessments
- Workshops and Requests for Information
- Conditional and Unconditional Gifts
- Matching Funds
- Federal Demonstration Projects (FDP)
- Council on Governmental Relations (COGR) Projects



Amplifying CAN's Impact

Can we amplify the impact of CAN projects by establishing collaborations with non-NIH entities and among NIH components?

Yes!



Types of Participants

- For-profit and not-for profit private entities (small businesses, advocacy groups, etc.)
- Public institutions (academic centers, research institutes, etc.)
- NIH OD and IC extramural and intramural programs
- Other HHS components (FDA, CDC, BARDA, etc.)
- Other USG components (NASA, DoD-DARPA, etc.)
- Other governmental entities (domestic and foreign)

Examples of NCATS Collaborations

- IQ Consortium
- New Therapeutic Uses (NTU)
- Therapeutics for Rare and Neglected Diseases (TRND) Program
- Tissue Chip Program
 - NIH-CASIS
 - Validation Centers



Other Models of Collaboration

MATCHING FUNDS

Challenge Grants

[RFA-AI-00-010](#) CHALLENGE GRANTS: Joint Ventures in Biomedicine and Biotechnology (RC1, UC1)

Construction Grants

[PA-03-040](#) Extramural Research Facilities Improvement Program Projects (C06)

Additional Examples

- U.S.-India Collaborative Vision Research Program (R01) [PAR-15-320](#) NEI
- Revision Applications for U.S-South Africa Program for Collaborative Biomedical Research (R01) [RFA-AI-16-082](#) NIAID
- Collaborative Consortia for the Study of HIV Associated Cancers: U.S. and Low-and Middle-Income Country Partnerships (U54) [RFA-CA-16-018](#) NCI
- Academic-Industrial Partnerships for Translation of Technologies for Cancer Diagnosis and Treatment (R01) [PAR-15-075](#) NCI
- Feasibility Studies to Build Collaborative Partnerships in Cancer Research (P20) [PAR-16-084](#) NCI

Additional Examples

- Mobilizing Research: A Research Resource to Enhance mHealth Research (U2C) [RFA-OD-15-129](#) NIH OD
- Medication Initiative for Tobacco Dependence (MITD): A New Product Development Partnership (PDP)(UH2/UH3) [RFA-DA-11-015](#) NIDA
- NIAID Partnerships with Product Development Public-Private Partnerships (R01) [RFA-AI-09-034](#)
- Limited Competition: Exploratory CTSA Collaborative Innovation Awards (R21) [PAR-16-343](#) NCATS

Additional Examples

- BRAIN Initiative: Pre-Applications for Industry Partnerships to Provide Early Access to Devices for Stimulation and Recording in the Human Central Nervous System (X02) [PAR-15-345](#)
- Request for Information: NIH-Industry Partnership towards Clinical Utility of Market-approved Devices to Support New Market Indications within SPARC (Stimulating Peripheral Activity to Relieve Conditions) [NOT-RM-14-015](#)
- Industry-Academic Partnerships for Development of Biomedical Imaging Systems and Methods that Are Cancer Specific (R21) [PAR-03-157](#)

Future Directions

Preparing for post-CAN transitions



Adjourn

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