

Collaborative funding opportunities to support rural health research

Lessons from the OppNet initiative

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Rural health and wellbeing issues

- Adherence, maintenance
- Exposures, perceptions
- Health care equity
 - Dental, mental, physical
- HIV/OSTI prevention
- Lifestyles
- Migration
- Overall prevention
- Pre, peri-natal health
- Transportation
- Trust, recruit, retain
- Workforce development





NIH's goals

To foster

- fundamental creative discoveries,
- innovative research strategies,
- their applications as a basis for ultimately protecting and improving health;

To develop, maintain, renew

- scientific human and physical resources that will ensure the Nation's capability to prevent disease;

To expand

- the knowledge base in medical and associated sciences in order to enhance the Nation's economic well-being,
- to ensure a continued high return on public investment in research;

To exemplify and promote

- the highest level of scientific integrity, public accountability, and social responsibility in the conduct of science.



OppNet: Mission and goals

- To expand NIH's b-BSSR funding with additional investments that complement and augment the agency's entire extramural research portfolio.
- To foster research initiatives on **basic social processes and mechanisms** of behavior that relate across . . .
 - ✓ public health challenges
 - ✓ specific prevention and treatment contexts
 - ✓ the missions of individual NIH ICOs



Accomplishments: FY2010-2011

- \$21,533,410 for 106 extramural research projects
- 14 FOAs
 - 10 RFAs
 - 4 NOTs
- 4 on-Campus scientific symposia
- 1 widely-attended scientific conference
- Multiple pleased stakeholders



... advances methodologies

- Create new methods for fitting causal models and for computing mediation effects
- Assess stress exposure in real time to assess immediate physiological, emotional, cognitive responses
- Build user-friendly computer programs that allow health researchers to apply new methods
- Develop methods to assess mechanisms of adolescent development of reward-related problem behaviors
 - (e.g., sensation-seeking, substance abuse, sexual risks)
- Refine and validate more thorough pathways that explain social environment effects



... links brains and behaviors

- Characterize brain processes associated with first- vs. later-learned behaviors
- Delineate how neural systems involved in mediating control of habitual and goal-directed systems control behavior
- Elucidate the neural mechanisms associated with MBCT *
– Mindfulness-Based Cognitive Therapy
- Explain control of habitual and goal-directed learning systems and behavior-related mechanisms
- Use fMRI scanning to probe ventricular affective processing and dorsal executive control systems



... builds research teams

- Develop collaborative, international research agenda to promote PA maintenance across the lifespan.
- Conceptualize an interdisciplinary b-BSSR informed R01 application to advance healthy, successful aging.
- Learn basic social network theory and method to inform future family-based interventions
- Expand relationship among behavioral economics, emotion, and decision-making



... explains self in settings

- Explain how communication about health influence risk perception and reduction within family networks
- Elucidate influence of social and spatial environments on youth, parents:
 - Mental-physical health
 - Risk behavior
 - Victimization
- Determine influence of built environment on lifestyle behaviors and health
- Examine effects of isolation on stroke damage, recovery, immune response
- Account for influence of one's peer networks to create demands for self-regulation of reward



... explains settings and self

- Explore impact of environmental factors, race, and SES inequalities on diet, obesity, and cardiometabolic risk
- Describe influence of the parenting situation on maternal and emergent infant self-regulation
- Determine patterns of influence in at-risk families for future interventions



Collaborative funding opportunity secrets



- Strong, agile leadership matters.
- Diverse input is crucial.
 - Requests for information
 - Conferences, meetings, town halls
 - Let data speak through iterative analysis
 - Prepare for confirmation and surprise
- Dedicated funding helps.
- Pooled funds have strength.
 - New funds for new projects
 - Multiple funding streams



Multiple \$ streams: Safeport

- Gated compound of 25 apartments and treatment administration building, within a larger public housing complex.
- Clients are tenants or qualify for public housing.
- Clients rent homes from KWHHA and finance their own needs.
- Local agency provides behavioral health services and other health case management.



Safeport: Behavioral health services



- Individual, group counseling
- Medical, dental case management
- Psychiatric services: Assessment and Rx management
- Childcare cooperative
- Ancillary service coordination



Safeport: Multiple funding streams

- US Department of Housing and Urban Development
- US Department of Health and Human Services
 - Health Resources and Services Administration
 - SAMHSA/Center for Substance Abuse Treatment
- Florida Department of Children and Families
- Florida Department of Law Enforcement
- Private foundations and trusts
- Client co-payments as appropriate
- Researchers with NIH research funding



OppNet Lesson: Make plenty good room!



Many hands . . .

- Make light work
- Have access to funds
- Increase ownership, productivity
- Require communication management

Provide leadership opportunities

- Makes lighter work for all
- Empowers, trains your members
- Stimulates synergy

Celebrate accomplishments



Means to facilitate

Communication

- Set regular meeting dates
 - Held *prn*
- Facebook
- List-serv
- SharePoint
- Twitter
- Website
- Wiki

Funding

- CTSA pilot projects
- Health foundations
- Health management organizations
- HHS agencies
- Insurance foundations
- PCORI.org
- Secondary data analysis
- Supplemental funds



Essential tips for NIH applications

- Relate your project to NIH.
- Contact and listen to a NIH program director.
- Have concise, precise research aims that inform your entire application.
- Write for your audience: Study section members
- Reflect repeatedly on your application and rewrite accordingly.
- Submit only when ready.



Tutorials, resources

Grants.gov search page

- <http://www.grants.gov/search/basic.do>

NIH Guide to Grants and Contracts search page

- <http://grants.nih.gov/grants/guide/index.html>

Patient-Centered Outcomes Research Institute funding opportunities

- <http://www.pcori.org/funding-opportunities/>

NIH-CSR review process videos

<http://cms.csr.nih.gov/ResourcesforApplicants/InsidetheNIHGrantReviewProcessVideo.htm>

NIH-OER on writing your application

- http://grants.nih.gov/grants/writing_application.htm

NIAID's All About Grants tutorials page

- <http://funding.niaid.nih.gov/researchfunding/grant/pages/aag.aspx>



Safeport references

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