Enhancing Research Literacy in underserved populations

NIMHD PA-12-149 Research Supplements to Promote Diversity in Health-Related Research

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The rapidly changing U.S. demographics indicate that minority populations will soon comprise the majority of the U.S. population.²

Less than one-third of those enrolled in research studies sponsored by the National Institutes of Health (NIH) are minorities, with African Americans and Latinos comprising 12.6% and 7.5% of this group, respectively. ¹

CHEIR Hypothesis: stories have the potential to increase self-efficacy and enhance outcome expectations through observational learning/role modeling


Community Engagement Core project

Project details:

- Formative research to inform development of storytelling vignettes
- Developing storytelling vignettes
- Disseminating storytelling vignettes to researchers to use in development of a recruitment in studies addressing health disparities.
Storytelling

We anticipate that stories will illustrate key facilitators to research participation including:

- perceived societal and personal benefits
- how barriers to research participation were overcome
- Descriptions of phases of research process

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Storytelling is at a pivotal moment. STORYTELLERS are in need of a COMMUNITY to Encourage Listen to Critique ONE ANOTHER.

GIVE your time & your attention generously to other storytellers. Everyone has a story worth telling. An AUDIENCE exists for every STORY. They are waiting to hear from ARE YOU READY? Find your VOICE. Be BRAVE. Enrich THE WORLD with your tale.
Research Literacy

- The capacity to obtain, process and understand basic information needed to make informed decisions about research participation.
Specific Aims

Specific Aim 1: Developing a culturally responsive measure of research literacy in a diverse sample. This will be achieved by:
- Developing an item bank informed by literature review and previously conducted focus group findings.
- Conducting cognitive pre-testing interviews with 10-15 individuals of diverse backgrounds.
- Administering the culturally responsive survey to 100 people and examining its psychometric properties.

Specific Aim 2 (future work): Pilot testing the feasibility and efficacy of storytelling videos in improving research literacy by:
- Conducting a pre/post-test evaluation of change in research literacy and willingness to participate in research
- Evaluating reactions to videos before/after viewing
Working Tasks

- Lit Review - determining how to define research literacy
- Revise conceptual model/ framework
- Key informant interviews to gain feedback on proposed conceptual model
  - community/ academic input
  - multiple levels of training/ interest
- Create survey measure of research literacy
- Conduct psychometric testing
- Administer survey
Dissemination plans

- Publications based on:
  - conceptual framework of research literacy/focus group findings - what participants should understand about research vs. what they actually do understand
  - Survey results
- Abstracts/presentations at national meetings and within the community
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