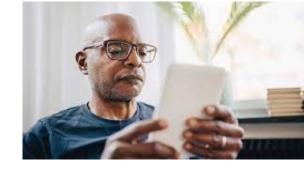UNIVERSITY OF TEXAS ARLINGTON

Improving Digital and eHealth Literacy: Engaging Older Latino Adults with Cognitive Interviews

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Project Background

- eHealth literacy helps promote well-being and autonomous decision-making among older adults

- Older Latino adults face unique challenges due to language barriers and cultural differences

Project Background

- English-language version of eHealth literacy intervention has been tested and proven to be effective

- Current work part of long-term project

Two Aims

- Aim 1: Culturally and linguistically adapt the content of English-language eHealth literacy training modules from an intervention to increase eHealth literacy for older adults, into Spanish.

- Aim 2: Assess the adapted intervention content with the target population through cognitive interviews

Aim 1

- Initial challenges
  - Obsolete software

- Updating content and language
  - Audio/text/images
  - Focused on obesity diabetes content

Aim 2 (50 participants)

- Cognitive interviews to receive feedback on cultural and linguistic adaptation

- Virtual mini training sessions on portion of intervention

Relevance to Creation of Data with Minoritized Populations

- Recruitment issues
- Drop out issues
- Appropriate amount of messages/reminders
- Older adult technology usage
- Virtual vs in person with this population

Relevance to Methods in Longitudinal Aging Studies

- Few longitudinal studies on eHealth training

- Booster training has been proposed but unclear how much to provide

- Using data paired with AI/machine learning to decide who may be at risk of dropout

Progress to Date

- Content changes near finalized
- Community partners ready to help with recruitment
- Expected to recruit in Spring 2024

Collaborators

- Bo Xie, UT-Austin Nursing & Informatics
- Katherine Sanchez, UT-Arlington SSW
- George Demiris, UPenn Nursing
- Deborah Parra-Medina, UT-Austin
- Rebeca Wong, UT-Medical Branch
- Ricardo Munoz, Palo Alto University/UCSF

Thank you!

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Session 1	Module 1	**Learn about basic computer and Internet terms.**
Session 2	Module 6	Introduce to MedlinePlus.gov and learn to search health topics on MedlinePlus.gov.
Session 3	Module 7	Learn to use "Drugs and Supplement" on MedlinePlus.gov.
Session 4	Module 8	Learn to find news, doctors and hospitals and use multimedia on MedlinPlus.gov.
Session 5	Module 8	Learn to find news, doctors and hospitals and learn to use multimedia on MedlinPlus.gov.
Session 6	Module 9	Learn to identify the quality of health information on the Internet.