

# Harnessing Technology for Collecting and Analyzing Caregiving Narratives

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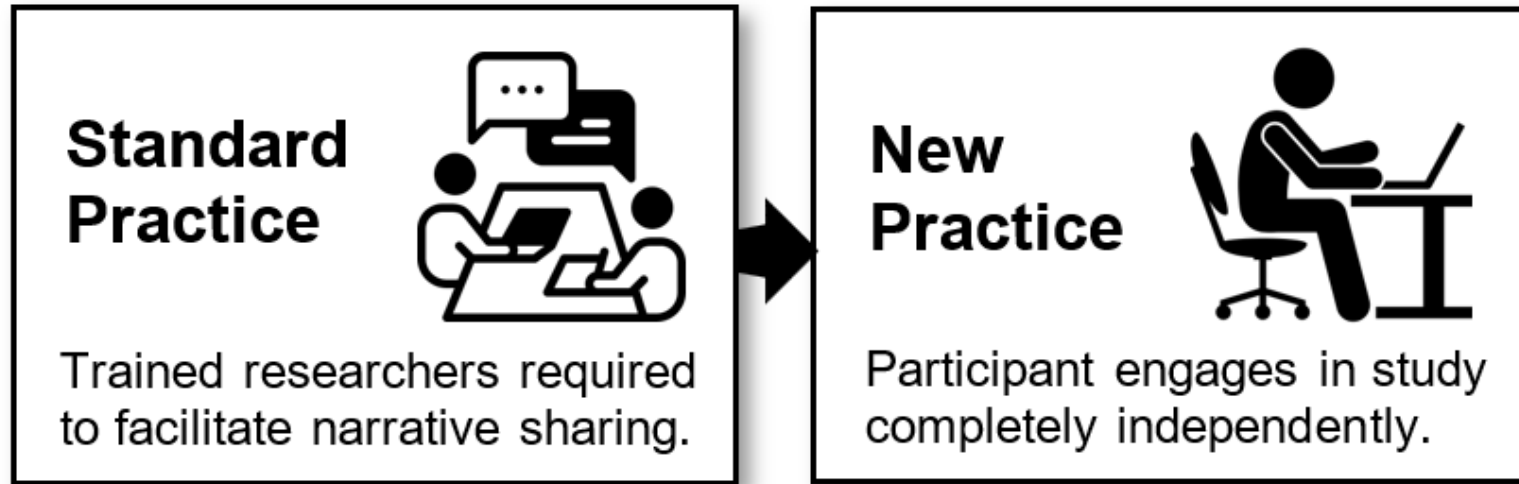


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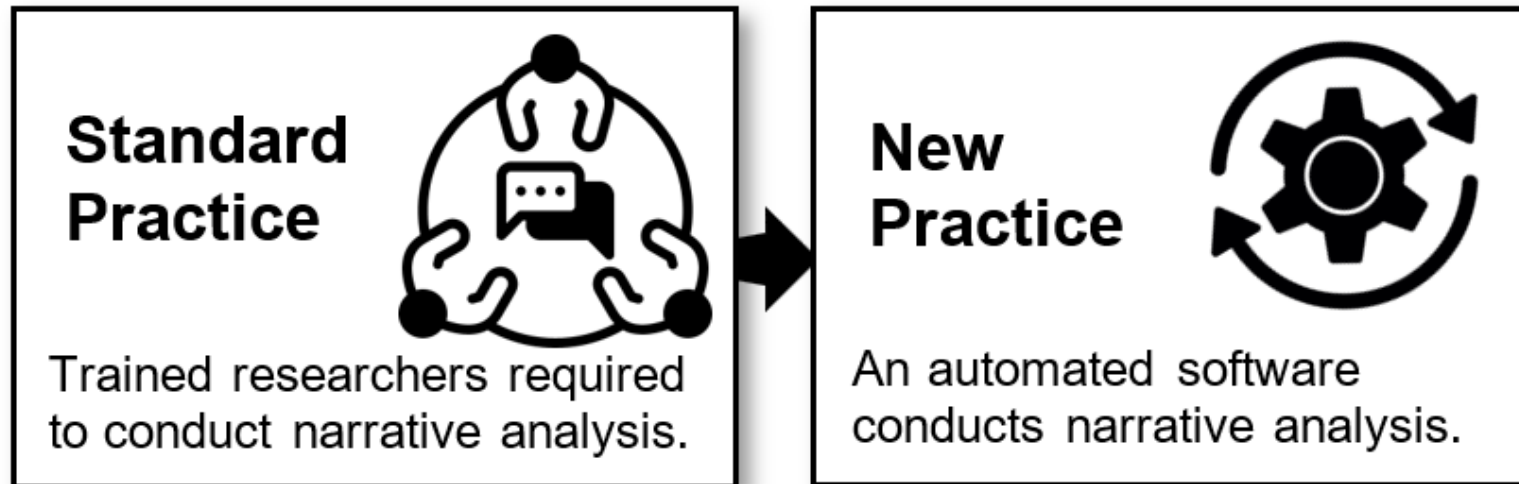
- We rely on over 11 million family caregivers to support millions of people living with dementia in the USA.
- Dementia-caregivers report uniquely elevated levels of burden and mental health consequences.
- Narrative interventions can assuage consequences and address caregivers' desires to make meaning of their experiences
- Current methods for collecting and analyzing narrative interventions are costly, time intensive, and poorly suited for caregivers.

New methods of collecting and analyzing narrative data from dementia-caregivers will support development of vital narrative interventions.

## Aim 1: Advancing Narrative Data Collection Practices



## Aim 2: Advancing Narrative Data Analysis Practices



Aim  
1



Draft prototype  
module for narrative  
data collection



Conduct Focus groups  
to collect design  
feedback; revise

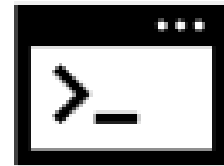


Test module  
implementation;  
compare to standard

Aim  
2



Train software using  
team input and  
stored narrative data



Apply software to  
narrative dataset



Compare narrative  
codes from software to  
codes from standard

Grant Period



## The team:

**PI Dr. Emily Mroz** – caregiving + narrative intersection; intervention dev

**Co-I Dr. Jane Chung** – technology, aging, user-centered design

**OSC Dr. Majse Lind** – narrative identity, adulthood, mental health

**OSC Dr. Mary Kate Koch** – narrative research methods, life transitions

**OSC Dr. Jenna Wells** – linguistic analysis, dementia caregivers

**Consultant Dr. Max Silberztein** – linguist and computer scientist

**Consultant Adam Nunez** – REDCap module developer

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