

### Background

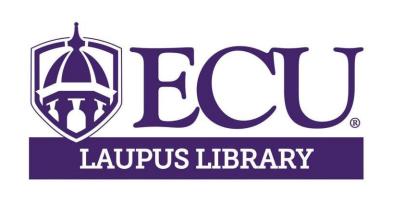
- Migrant farmworkers in NC experience higher rates of depression and anxiety than other US states<sup>1</sup>
- Social isolation is a known contributor to poor mental health of migrant workers<sup>2</sup>
- Poor connectivity and cell service on farms worsens social isolation
- Digital inclusion efforts show promise in improving mental and physical health of vulnerable populations like migrant farmworkers<sup>3</sup>
- Our team is conducting a **RAPID REVIEW**<sup>4</sup> of digital inclusion interventions amongst vulnerable populations with the **goals** of:
  - **1. Examine** the effectiveness and utility of digital inclusion interventions for vulnerable populations
- 2. Review the outcomes of published strategies used to promote digital inclusion in vulnerable populations
- 3. Identify & Suggest best practices for digital inclusion efforts based on data (qualitative or quantitative) of the included studies

**Community Partners** 

**NC STATE** UNIVERSITY









A single reviewer extracts data using a data extraction form developed by team

# A Rapid Review of Digital Inclusion Strategies & Interventions for Vulnerable Populations

### **Rapid Review Methodology**

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### **Pilot Screening**

Team completes a pilot exercise of 30-50 abstracts for calibration.

## **Data Extraction**

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A second reviewer checks for correctness and completeness.

### Selection & Coding

Location of study Study participants Description of intervention Description of strategy Outcomes in terms of effectiveness, utility, applicability, generalizability of intervention or strategy

### **Vulnerable Populations** defined as:

- Racially-/Ethnically minoritized populations
- Indigenous populations
- Populations living in medically underserved areas including rural and urban or settlements
- LGBTQIA+ populations
- Unhoused people

- Older adults
- H2A / H2B migrant workers Those with limited English language proficiency
- Low socioeconomic status populations Refugee, migrant, and immigrant
- populations Medically uninsured populations

Jamie E. Bloss, Leslie E. Cofie Tania Connaughton-Espino, Bridget G. Gallagher, Paul Janampa, Joseph G.L. Lee, Catherine E. LePrevost, Modjulie Moore, Julianna Nieuwsma, Natalie Rivera, Robin Tutor, Wilson Wysor

# **Potential Impact Initial Search** MEDLINE via PubMed: 2924 Embase: **3980** Scopus: **1436** PsycINFO: **1649** run by: ProQuest: **2165** Cochrane Central: 841 SocINDEX: 54 Total records to screen after deduplication: 8,346 as unbiased as possibly Initial Screening Two reviewers for dual screen of abstracts with conflict resolution conducted by consensus or third reviewer. Records screened so far: 700 Narrative Synthesis Results will be synthesized narratively. All included studies will be in a table and categorized according to outcome measures. ECU. Acknowledgements Disabled people *Library Services LG-25235100LS-22.*

References

The impact of this rapid review **is not directly** handing technology into the hands of a migrant farmworker, but rather influencing the infrastructure for change in the long

1) Documenting and presenting research findings to legislators or the private **sector** that illustrate what the problem is

2) Producing materials for **farmworkers**, farmers, community health workers, and public librarians to inform them on how to discuss digital inclusion efforts with broadband policymakers

"We, at Laupus Library, believe that internet access should be a human **right**... this research will help us to find ways to close those gaps for the most vulnerable members of our society."

Jamie Bloss, health sciences research librarian and associate professor at

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