

What?

The H-2A visa farmworker population plays a critical role in sustaining the agricultural industry in the United States. However, this vulnerable group often faces significant healthcare challenges and disparities.

Farm work is one of the most dangerous occupations in the U.S.



THERE ARE OVER **75,000**
FARMWORKERS IN NC

Farmworkers are at **INCREASED RISK** for:

- Heat-related illness
- Pesticide exposure
- Musculoskeletal injuries
- Green tobacco sickness
- Uncontrolled chronic illness
- Untreated depression and anxiety

But face many **BARRIERS TO CARE**:

- Transportation
- Cost
- Language
- Long work hours
- Frequent migration
- Discrimination
- Geographic and social isolation

By utilizing the mobile clinic at Brody, our objective is to extend our reach to farms across Eastern North Carolina and offer screening services to farmworkers. Our aim is to leverage the retinal scanner as an accessible diagnostic tool in this endeavor.

So What?

We are exploring the potential of retinal scanning as a non-invasive and accessible method to detect early indicators of organ failure in H-2A visa farmworkers.

Integrating retinal scanning as a screening tool within the healthcare infrastructure for farmworkers can enhance their access to early detection and intervention for organ failure, leading to improved healthcare outcomes and a reduction in healthcare disparities.



Now What?

- Expand to more farms around Eastern North Carolina
- Explore opportunities to integrate retinal scanning into routine healthcare practices for H-2A visa farmworkers.
- Monitor and evaluate the long-term impact of early detection on health outcomes, healthcare utilization, and overall well-being of the farmworker population.
- Identify and address potential challenges associated with implementing retinal scanning in the agricultural setting

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- Infographic from NCFHP

