OVERVIEW

The Background
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The Analysis
The Discussion
Questions
THE BACKGROUND

- 1918 Influenza Pandemic: Estimated 500 million infections & 50 million deaths \[^1\]

- Estimated 762 million COVID-19 cases have been reported worldwide with over 6 million deaths \[^2\]

- Estimated 104 million cases reported in the United States with over 1 million deaths \[^3\]

- Present-day COVID-19 Interventions: Lockdowns, Quarantines, Isolation

- Socio-economic Implications of Interventions

- History of Contact Tracing

- How Efficient is Contact Tracing?

- The 6 Steps In Contact Tracing
THE REVIEW

DISPARITIES
- Socioeconomic Status
- Gender, Race, Age
- Health Literacy
- Social Norms
- Immigrants
- Homeless

INSUFFICIENT INFRASTRUCTURE
- Information Technology
- Data Management
- Lack of Personnel
- Lack of Funding

TESTING AND REPORTING
- Meticulous Coordination Needed
- Testing & Reporting Delays
- Interdisciplinary Effort
- Social Acceptability
THE ANALYSIS

## THE DISCUSSION

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QUESTIONS?

1. What else can we do as public health professionals to improve contact tracing for future pandemics?

2. How do we leverage existing infrastructure to fill the gaps we see within public health?

3. What policies are still needed to advocate for underserved communities to access care?
Thank you.

Rabiah Asif, MPH
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References: