

# Covid-19 Vaccination Promotion: Building Trust in Historically Hesitant Communities

**Presented by:**

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# Agenda



- Building Trust and Confidence in the Covid-19 Vaccine:
  - Latinos, Parents of Young Children, Black Americans, Syrians, Chinese, South Asians, Sudanese
- Historical Cultural Hesitancies to Receive Vaccinations
- What Doesn't Work to Advertise and Promote Vaccinations
- Effective Vaccination Interventions
- Discussion: Implications and Vaccination Promotion



# Introduction

- Healthcare sector has a history of a lack of responsiveness to cultural differences in attitudes, beliefs, values, lifestyles, and language.
- Culturally competent healthcare is the key to reducing health disparities and improving health outcomes for all populations.
- Culturally tailored COVID-19 vaccine education and advertisements will assist in preventative care efforts aimed at minimizing the spread of COVID-19 across all cultures.



# Possible Factors Behind Vaccine Hesitancy in the Latino Community

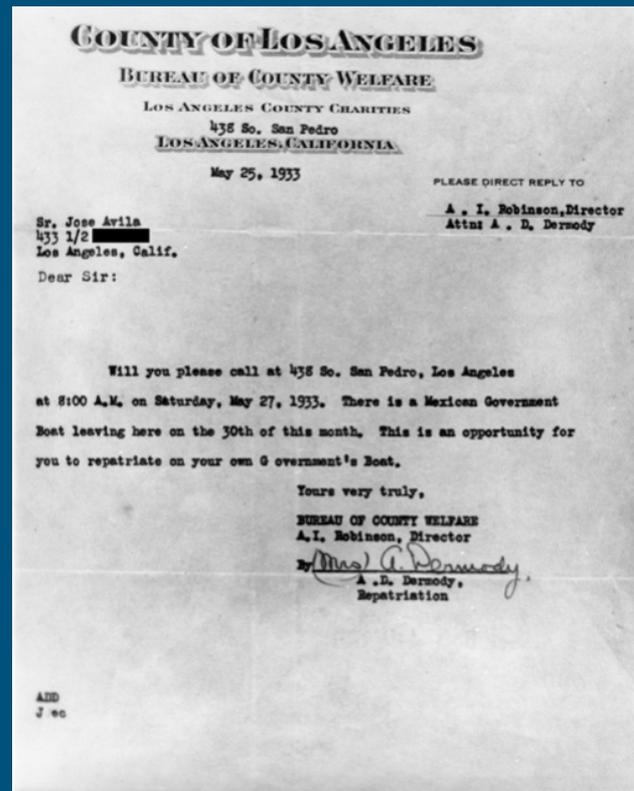
- Barriers
  - Language
    - English may not be the primary language
  - U.S. citizenship Status
    - Undocumented individuals are usually not eligible for health insurance
    - Access to health care

The COVID Collaborative Vaccination Attitudes survey of 258 Latinx individuals found the following factors would impact their decision to get vaccinated (COVID Collaborative, Langer Research, UnidosUS, & NAACP, 2020)

- Vaccine safety
- Vaccine effectiveness
- Confidence in the institutions [developing and delivering the Vaccine]

# A History Behind the Latinos Lack of Trust with the US Government

- Past: Anti-Latino Discrimination
  - Illegal Deportation/Repatriation
  - <https://youtu.be/WpRK4vSZ7Nc>
- Present: Anti-Immigrant Rhetoric
  - Latinx Americans felt unsafe after hearing our current administration's statements about undocumented immigrants (Reuters, 2019)
  - “Words can be dangerous and they can even kill when they create barriers to healthcare access.” - Dr. Albert Wu (Reuters, 2019)





# How to Bridge the Gap: Solutions

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## 1. Transparency

- a. Educate how vaccines are created and how they work

## 2. Communication

- a. Ensure all messaging are provided in both Spanish and English languages

## 3. Representation

- a. Seek influential members of the Latino community (religious leaders, physicians , news anchors, radio personalities, to spread the importance of COVID-19 vaccines

## Resources

- [Healthcare access for Undocumented Folks in the Time of COVID19 | United We Dream](#)
- [PowerPoint Presentation \(protectingimmigrantfamilies.org\)](#)
- [Cultural Insights: Communicating with Hispanics/Latinos \(cdc.gov\)](#)



# Parents of Young Children: Cultural Hesitancies to receive Vaccines

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## Possible Reasons for Vaccine Hesitancy

1. Religious
2. Personal or philosophical
3. Safety concerns
4. Desire for additional education

(McKee & Bohannon, 2016)

“Some parents delay or stagger vaccines, because they presume that doing so is safer. But this is a false assumption based on..nothing. Not evidence, not fact, not science, not research. It’s on years (and years) of all of those things that immunization medicine, and the immunization schedule, is based.” Dr. Todd Wolyynn, the CEO of Kids Plus Pediatrics  
*(Wolyynn, 2020)*

# How to Bridge the Gap: Solutions

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- Maintain a trustworthy patient-provider relationship
  - <https://youtu.be/s7xKvqoxIMA>
- Tailor communication to specific patient's concerns and doubts

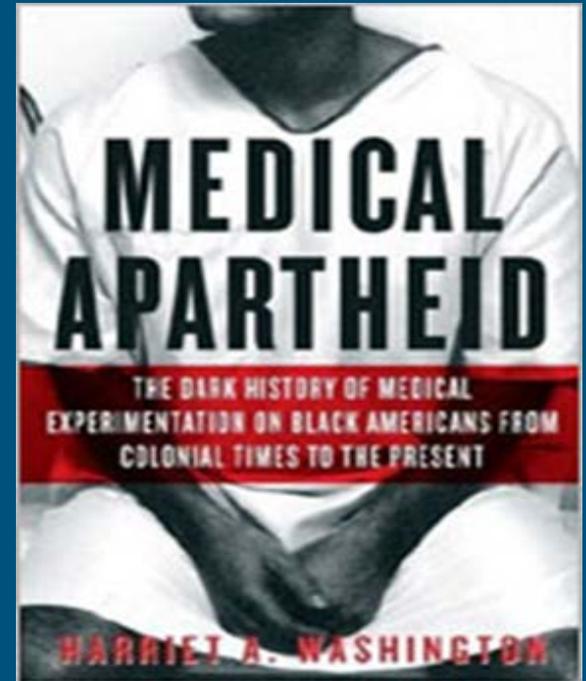


# History of Lack of Trust of Health Professionals among Black Americans

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## Past History:

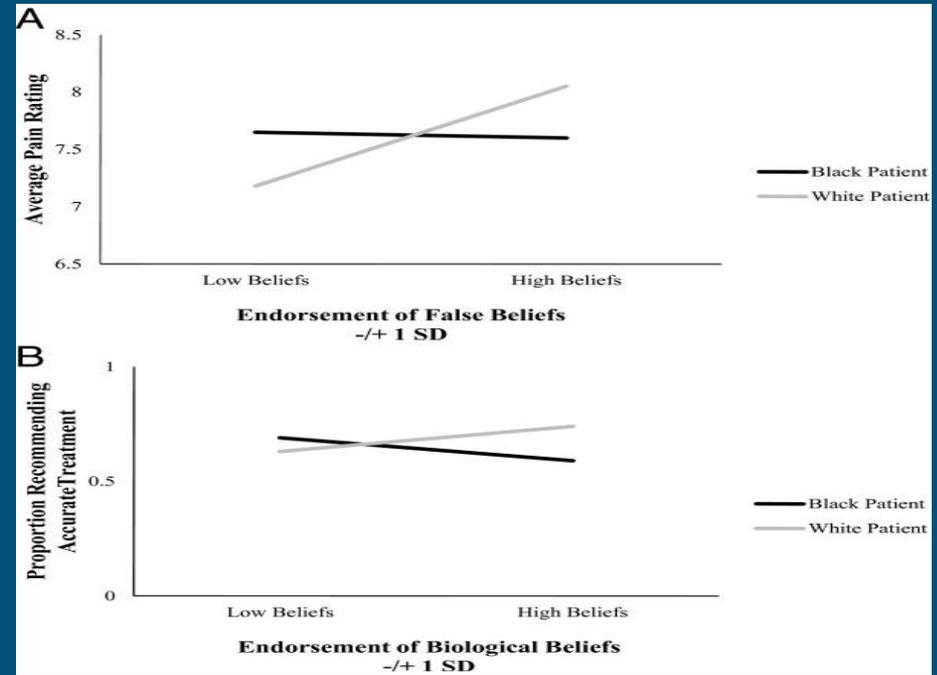
- Health profession has history of utilizing black bodies for experimentation without informed consent
  - [The Tuskegee Study](#)
- Discussion: After watching this video, can you think of some reasons why trusting vaccinations is concerning for Black Americans?



# History of Lack of Trust of Health Professionals among Black Americans

## Present day:

- Medical institutions used to reinforce systems of oppression
- Lack of adequate medical treatment, differential treatment
- Mortality disparities - lower life expectancy



Hoffman, K. M., Trawalter, S., Axt, J. R., & Oliver, M. N. (2016). Racial bias in pain assessment and treatment recommendations, and false beliefs about biological differences between blacks and whites. *Proceedings of the National Academy of Sciences*, 113(16), 4296-4301.





# Recommendations to Overcome Hesitancies and Barriers to receive Covid Vaccination among Black Americans

## Short-term

- Target population by age and gender
- Community-based vaccine programs  
<https://www.thecommunityguide.org/sites/default/files/Vaccination-Community-Based-Interventions-Implemented-in-Combination-Archive.pdf>
- Partner with trusted individuals and organizations within the black community
  - Faith-based (Pastor John Harrell of Proviso Baptist Church in Maywood)
  - Elected Officials (Rep. La Shawn Ford)
  - Historically Black Colleges and Universities



<https://chicago.suntimes.com/coronavirus/2020/11/29/21725597/black-brown-communities-should-get-first-dibs-on-coronavirus-vaccine-minority-leaders-say>



# Recommendations to Overcome Hesitancies and Barriers to receive Covid Vaccination among Black Americans

## Long-term

- Provide on-going supports and investments to the black community
- Address generational trauma
- Address racism as a public health concern



# Syrian Population



- Common Religion: Muslim (Zong & Batalova, 2017)
- Language: Arabic (Zong & Batalova, 2017)
- Population: 1,059 Syrian Refugees Resettled in Illinois between 2012- 2017 (Zong & Batalova, 2017).

# SYRIANS:

## Cultural Hesitancies to Receive Vaccines



## Religious Barriers:

- Fears that vaccines are not halal certified (Ahmed et al., 2017).
- Many view vaccinations as “unacceptable” during the month of Ramadan (Peiffer-Smadja et al., 2017).
- Same gender preferences when receiving healthcare (Alqufly, 2019).

## Language Barriers:

- Limited english speaking skills and preferences to communicate in Arabic create challenges in understanding why vaccines are beneficial as well as coordinating vaccines with the healthcare providers (Pearson et al., 2011).



SYRIANS:

## Ineffective Vaccination Promotion



- Educating the public in a way that attempts to convince that a vaccination is the “less risky option” than the virus (Angelmar, 2013).
- Lack of appropriate cultural representation when advertising the vaccinations (Proto, 2019).

# Promote Vaccinations with Confidence:

## Steps to Build Trust in the Syrian Population



# SYRIANS: Building Trust in the Community

Healthcare providers are highly influential in vaccination decisions.

Strategies Include:

- Scheduling vaccines in the doctor's office (WHO, 2014).
- Providing interpreters and health care providers of the same gender (Attum, 2020).
- Effective evidence-based communication strategies include motivational interviewing (Gagneur, 2020).



# SYRIANS: Building Trust in the Community

- Collaboration with Muslim community leaders to make public announcements about the necessity of non-halal vaccinations through online forums (History of Vaccines, 2018).
- Combination of community-based interventions specific to the Muslim community (Task Force, 2015).

# Question:

How would you respond to this hesitancy:

*“I’m waiting to see if others at my mosque will decide to get the vaccine before I decide to get vaccinated.”*

# Chinese Overview



- ❖ **Common Religion: Buddhism and Folk Religion (cfr, 2019).**
- ❖ **Language: Most common language for Chinese immigrants in the United States is Mandarin (Sawe, B. 2020)**
- ❖ **Population: Largest population in the world with over 1.4 billion people (worldometer, 2020) The population of Chinese immigrants in the United States has grown nearly seven-fold since 1980, reaching almost 2.5 million in 2018, or 5.5 percent of the overall foreign-born population.**
- ❖ **Gender (in America): Higher majority of men in population (Textor, P., & 17, N. 2020)**

# South Asian

## Overview



- South Asian nations include, India, Pakistan, Bangladesh, Nepal, Bhutan, Sri Lanka, and Maldives (coff, 2018).
- Religion: Hinduism, Islam, Sikhism, and Christianity. The most common is Hinduism. (coff, 2018).
- Language: Most linguistically diverse areas in the world. (coff, 2018).
- Home to one of the worlds earliest known civilizations, the Indus civilization, and today is one of the most densely populated regions on the planet. (coff, 2018).
- As of 2017, 5.4 million South Asian immigrants in the United States



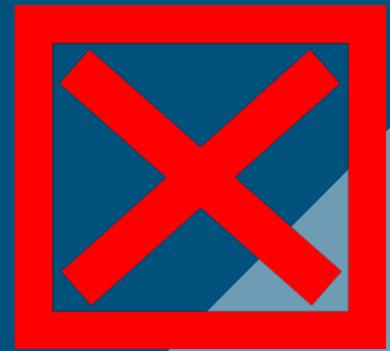
# Chinese and South Asian Population

## Cultural Hesitancies to Receive Vaccines



- **Distrust-** In China there is a lack of governance on vaccine safety and there is a lack of transparency from the government to its civilians. This translates to the Chinese population here in the United States.
- **Perceived religious prohibition-** Buddhism and Hinduism
- **Traditional complementary and alternative medicine (WHO, 2020).**
- **History of low percent of childhood immunization and immunizations in South Asian culture-** not a top priority.
- **Lack of understanding and education on importance of vaccinations in South Asian cultures.**

## Chinese and South Asian Ineffective Vaccination Interventions



- Lack of appropriate cultural representation when advertising the COVID-19 vaccinations- making both populations feel as if their culture and belief systems are not important.
- Lack of transparency
- Educating the populations in a way that makes them feel as if their alternative medicine is not as viable as the vaccination



# Chinese and South Asian Effective Vaccination Interventions

- **Adequate vaccine knowledge- online communication mechanism should be established to engage with the public with language distinction in a timely manner that gives transparency, avoids misinformation, and informs the public on side effects.**
- **Immunization programmes with focus on raising caregiver awareness and education-systematically using communication and advocacy activities to change parental behaviour**
- **Representation- Translators available in doctors offices, seeking influential members of the Chinese and South Asian communities to spread the importance of COVID-19 vaccines, and global partnerships. Engage religious or other influential leaders to promote vaccination in the community**
- **Individual action plans based on concerns, religious beliefs, healthcare providers of certain genders, and preferred language**

# True Or False

## Chinese and South Asian Populations

1. **T or F:** The Most common religion practiced by the Chinese population is Buddhism and Folk religion
  2. **T or F:** The South Asian population has a historically low percentage of childhood immunization
  3. **T or F:** There is a higher number of women in the chinese population than men
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# True or False: Correct Answers

1. **T** or F: The Most common religion practiced by the Chinese population is Buddhism and Folk religion
2. **T** or F: The South Asian population has a historically low percentage of childhood immunization
3. T or **F**: There is a higher number of women in the chinese population than men



# Sudan Overview

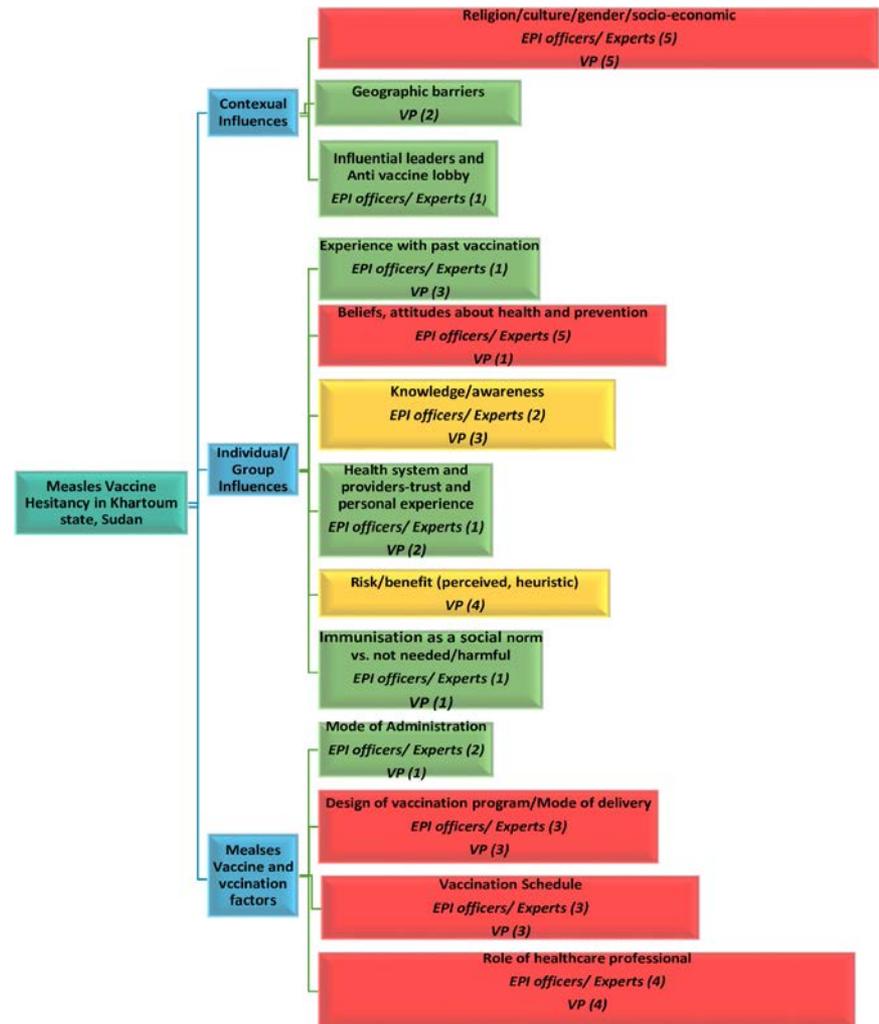


- National Name: Jamhuryat as-Sudan
- Population( 2014 est)- **Population (2014 est.):** 35,482,233 (growth rate: 1.78%); birth rate: 30.01/1000; infant mortality rate: 52.86/1000; life expectancy: 63.32; density per sq mi: 42.4
- Capital: Khartoum, 4.632 million
- Languages: Arabic(Official), English(Official), Nubian, Ta Bedawie, Fur
- Ethnicity/race: Sudanese Arab(70%), Fur, Beja, Nuba, Fallata
- Religions: Sunni Muslim, small Christian minority



# Sudanese hesitation to vaccines

- Ethical/moral/religious reasons
- Fear that vaccination are causing diseases (Measles outbreak in Sudan: example of the right)
- Culture
- Development of autism



# Sudanese Vaccine Hesitancies

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- [19\) French doctors suggest testing Covid-19 vaccine in Africa, slammed as racist – YouTube](#)
- Lack of education
- Lack of knowledge and lack of awareness
- [\(19\) Vaccine hesitancy in Sudan - YouTube](#)



# Sudanese Hesitation to Vaccines

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- Disease is more “natural” than vaccine
- Do not trust the organized medicine
- Do not trust government health authorities
- “It is well known that the measles virus vaccine (a live virus vaccine) can cause severe immune dysfunction, greatly increasing autoimmune reactions to the nervous system”  
Russell Blaylock, MD.



# Sudanese Hesitation to Vaccines

**More vaccines given at once means a higher risk of adverse reactions.**

→ “A review of data from the Vaccine Adverse Event Reporting System (VAERS) shows a dose-dependent association between the number of vaccines administered simultaneously and the likelihood of hospitalization or death for an adverse reaction.” - Neil Miller, Journalist



# Sudan vaccine Hesitancy: example

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**“The vaccine is the disease itself, they are bringing Polio to Sudan”**

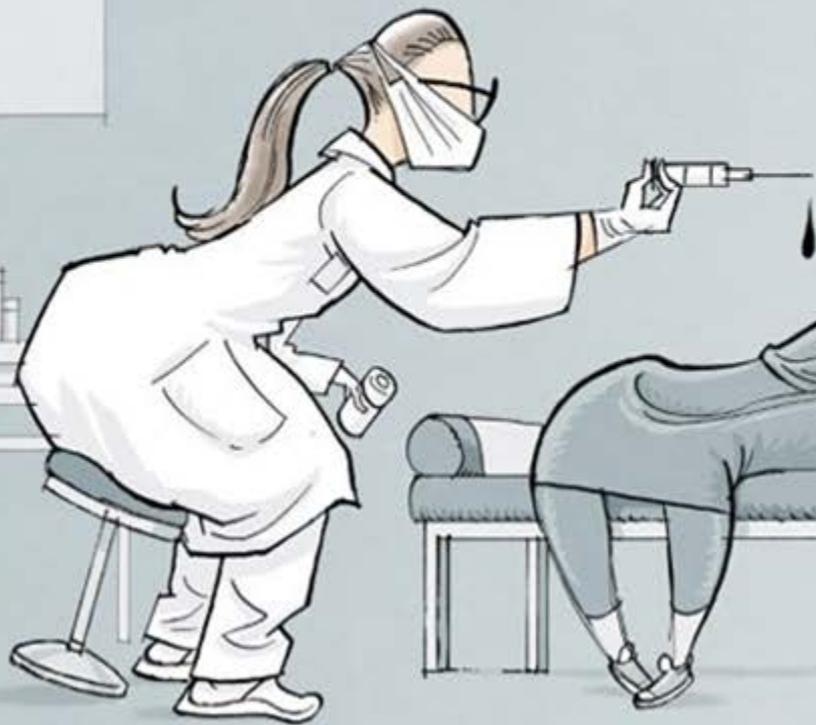
“The vaccine is only available effective way for protecting our children from both the wild and the vaccine derived (mutated) types of Poliovirus. Non vaccinating our children which implies not training their immune system to appropriately respond and kill the viruses when contracted from the environment, will contribute to availing susceptible population, continued circulation of Polio virus and having more and more children diseased and paralyzed by both wild and vaccine derived Polio viruses, according to UNICEF-Sudan”.



# Sudanese Effective Vaccine Intervention

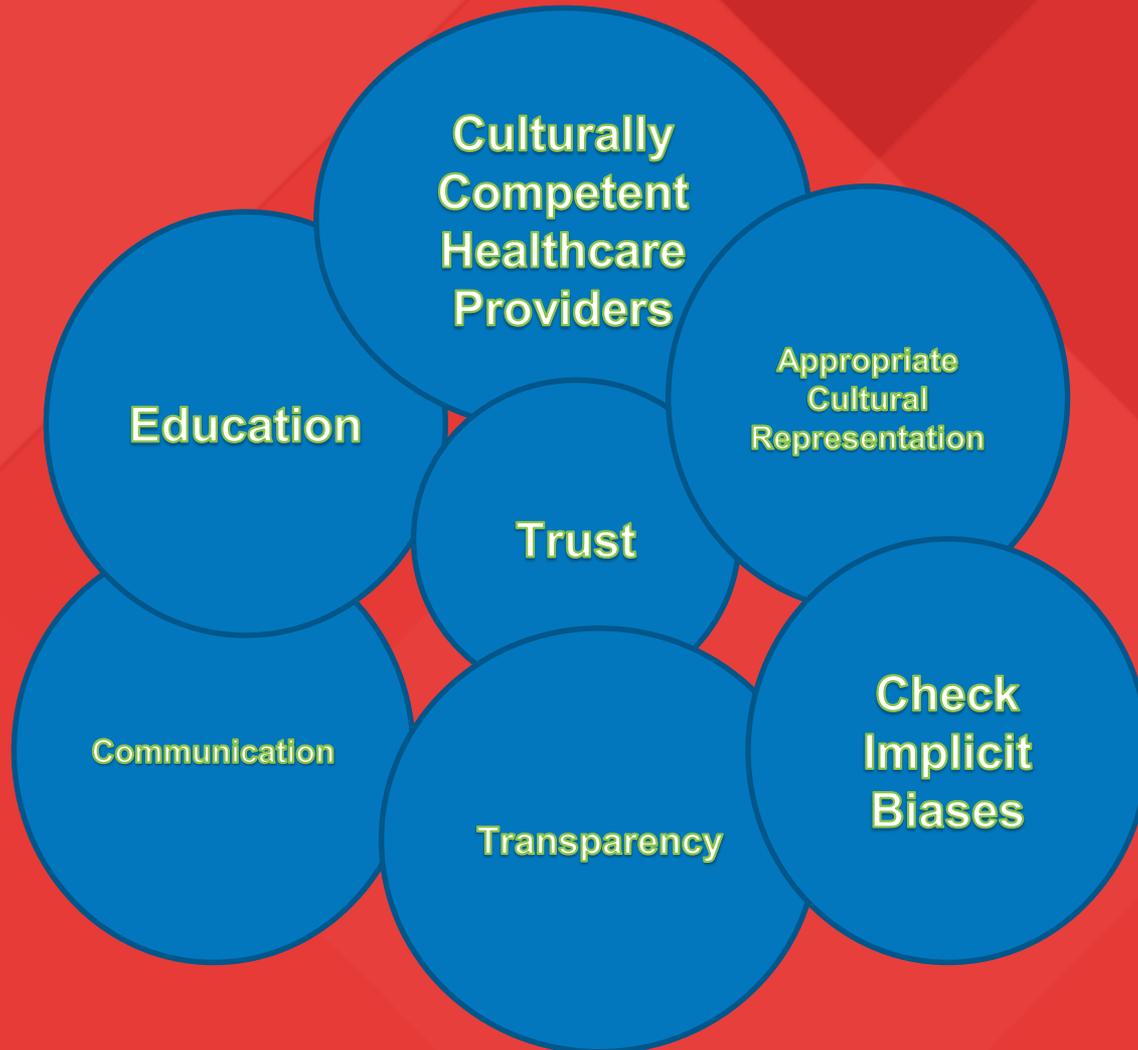
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- Establishing Truth with the community
- Treating the source of vaccine misinformation
- Have an effective social media communications strategy
- Involve faith leaders, Muslim doctors, and researchers to convey the message
- Use emotional, personal messages, and stories are most effective
- Representation- Have translators at a doctor's offices
- EDUCATION IS THE KEY



April 2014

# Bridging the Gap





# Discussion

- **What are the implications you have learned for each population?**
- **What does your organization need to do to be ready to promote when the health department comes forth with specific information about the vaccine?**

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