

From ethics to logistics

What Ohio's leaders need to know about COVID-19 vaccines



Vision

Ohio is a model of health, well-being and economic vitality.

Mission

To provide the independent and nonpartisan analysis needed to create evidence-informed state health policy that improves health value.

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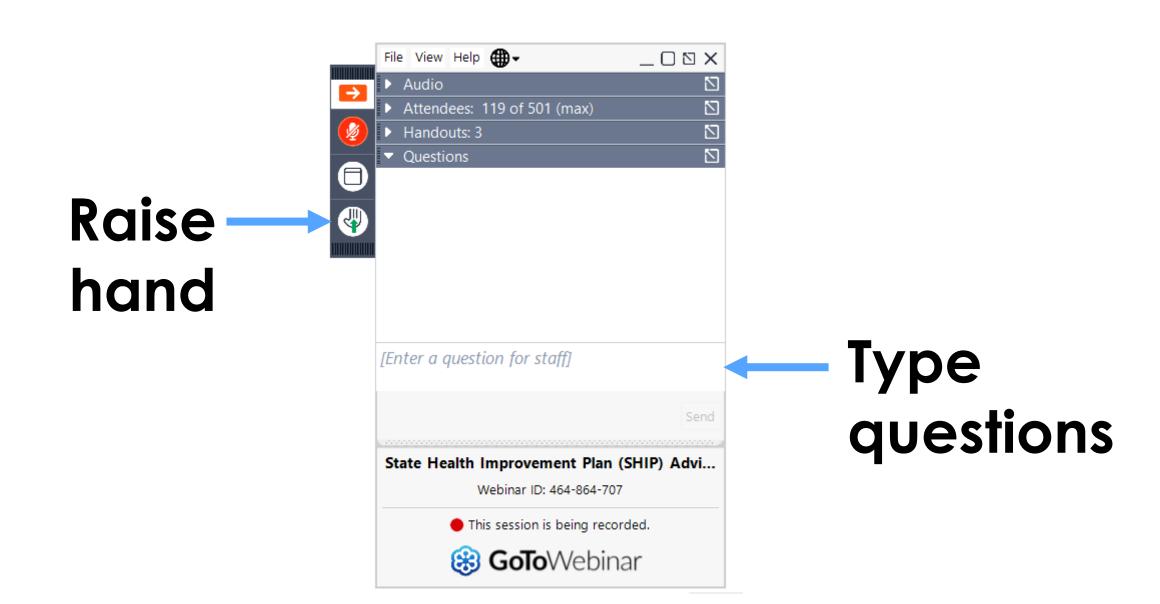




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From ethics to logistics

What Ohio's leaders need to know about COVID-19 vaccines



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Rachana Pradhan National Correspondent Kaiser Health News

COVID-19 VACCINE DISTRIBUTION, ACCESS AND DATA COLLECTION

RACHANA PRADHAN, KHN

HEALTH POLICY INSTITUTE OF OHIO FORUM

FEB. 25, 2021

OVERVIEW TO DATE

- Vaccine doses delivered: 82.1 million
- Vaccines doses administered: 65 million
- States with highest vaccination rates: AK, CT, NM, ND, SD, WV
- Weekly allocations increasing weekly: 14.5 million doses this week
- Johnson & Johnson authorization expected imminently, with 4 million doses shipped immediately.

Sources: CDC vaccination data as of Feb. 23, White House COVID-19 response team briefings

WHAT WE KNOW...

- More states opening up vaccinations to people with high-risk medical conditions.
- Concerning inequities: early data shows much lower vaccination rates among Black Americans than whites.
- Some states shifting to institute an age-based system: CT, UT

Sources: CDC COVID-19 vaccines dashboard, Kaiser Family Foundation, Kaiser Health News

...BUT WE ALSO DON'T KNOW A LOT

- Huge gaps in race & ethnicity data reported to CDC
- Inconsistent reporting of occupations
- Highly complex/disjointed data systems that report to federal platforms

Sources: CDC MMWRs, CDC data reporting requirements, state vaccination plans

TABLE. Demographic characteristics of persons initiating COVID-19 vaccination — United States, December 14, 2020–January 14, 2021*

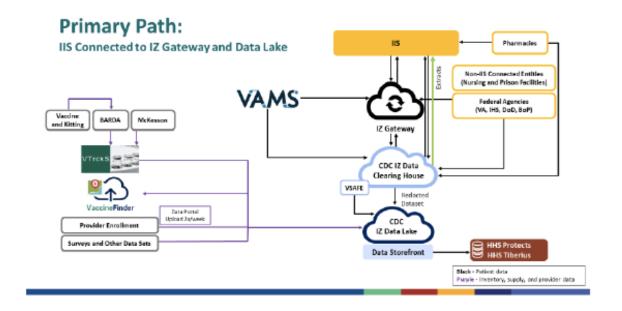
Characteristic (no. [%] with available information)	No. (%)†
Overall	12,928,749 (100.0)
Sex (12,537,841 [97.0])	
Male	4,639,073 (37.0)
Female	7,898,768 (63.0)
Age group, [§] yrs (12,924,116 [99.9])	
<18	4,837 (<0.1)
18-29	1,433,086 (11.1)
30-39	2,207,222 (17.1)
40-49	2,175,305 (16.8)
50-64	3,350,610 (25.9)
65–74	1,732,522 (13.4)
≥75	2,020,534 (15.6)
Race/Ethnicity ⁶ (6,706,697 [51.9])	
White, non-Hispanic	4,047,795 (60.4)
Hispanic/Latino	773,858 (11.5)
Black, non-Hispanic	359,934 (5.4)
Asian, non-Hispanic	405,227 (6.0)
AI/AN, non-Hispanic	134,127 (2.0)
NH/PI, non-Hispanic	20,585 (0.3)
Multiple/Other, non-Hispanic**	965,171 (14.4)

IT'S COMPLICATED

- 64 separate IIS systems
- Challenges with VAMS
- Separate reporting streams for federal agencies

Source: CDC vaccine administration data use agreement

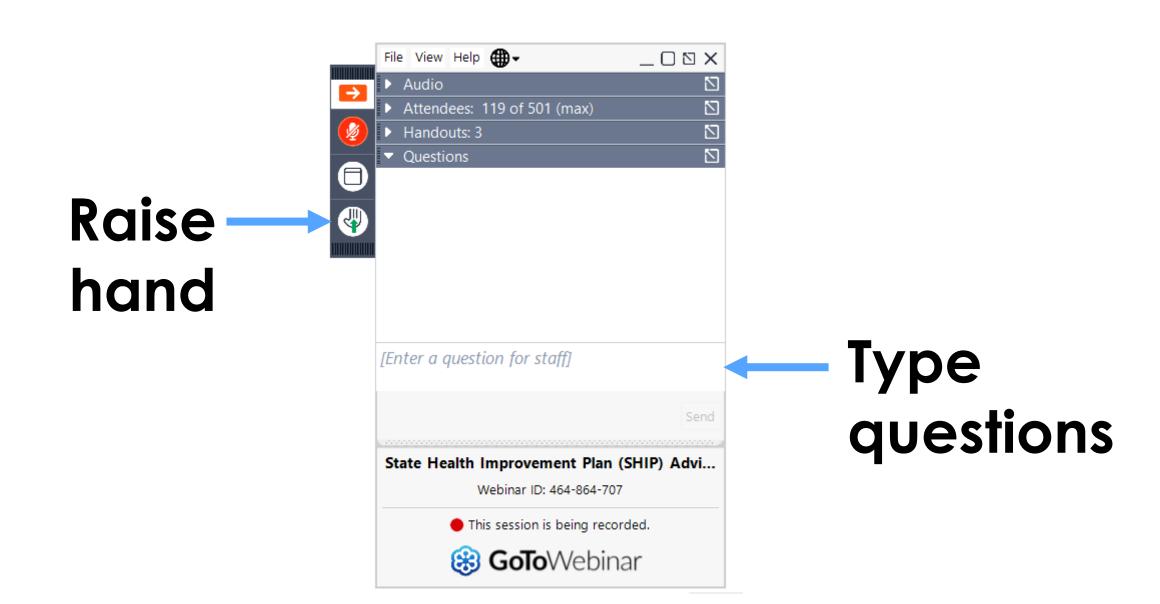
Appendix A: Vaccine Administration Technical Architecture Diagram



LOOKING AHEAD, TO IMPROVE SHOTS IN ARMS

- Help from changes in vaccine storage requirements
- Vaccine shipments directly to community health centers
- Mass vaccination clinics
- Work related to language access

QUESTIONS?



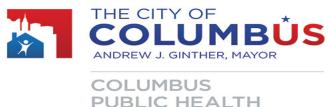
Questions



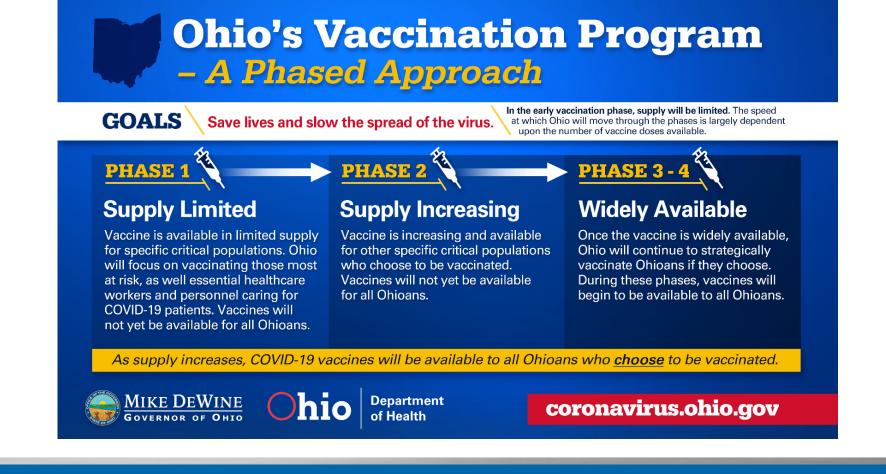
Dr. Mysheika Roberts Health Commissioner Columbus Public Health



Mysheika W. Roberts, MD, MPH Health Commissioner



Ohio's COVID-19 Vaccination Program Phased Approach



Columbus Public Health

Vaccine Schedule

- Ohio Department of Health sets the guidelines for who can be vaccinated.
- Vaccine supply is very limited.
- Currently tier 1B
- Two ways to register:
 - columbus.gov/coronavirus
 - **614-645-1519**
- Second dose appointments are made at the time of vaccination.



Total Vaccines Given

36,975 vaccines (as of 2/22/21)

- 25,040 first doses
- 11,935 second doses



COVID-19 Vaccine Disparities

African Americans are behind whites in vaccination rates.

4% of those vaccinated have been Black

Reasons are many:

- Mistrust
- Misinformation
- Access
- Historical mistreatment by medical community

Vaccine hesitancy is real and we must acknowledge it!

Vaccine Equity Priority Plan

Increasing Access

- A minimum of 20% reserved for vulnerable populations
- CPH collects race data to track progress
- Weekly Opportunity Vaccine Clinic for at risk neighborhoods
- CDC's Social Vulnerability Index
 - Other information added (income, race, medical conditions, transportation, etc.)

Removing Barriers

- Mobile vaccine clinics
- 2 ways to register phone and online

Vaccine Equity Priority Plan

Informing and Engaging Vulnerable Communities

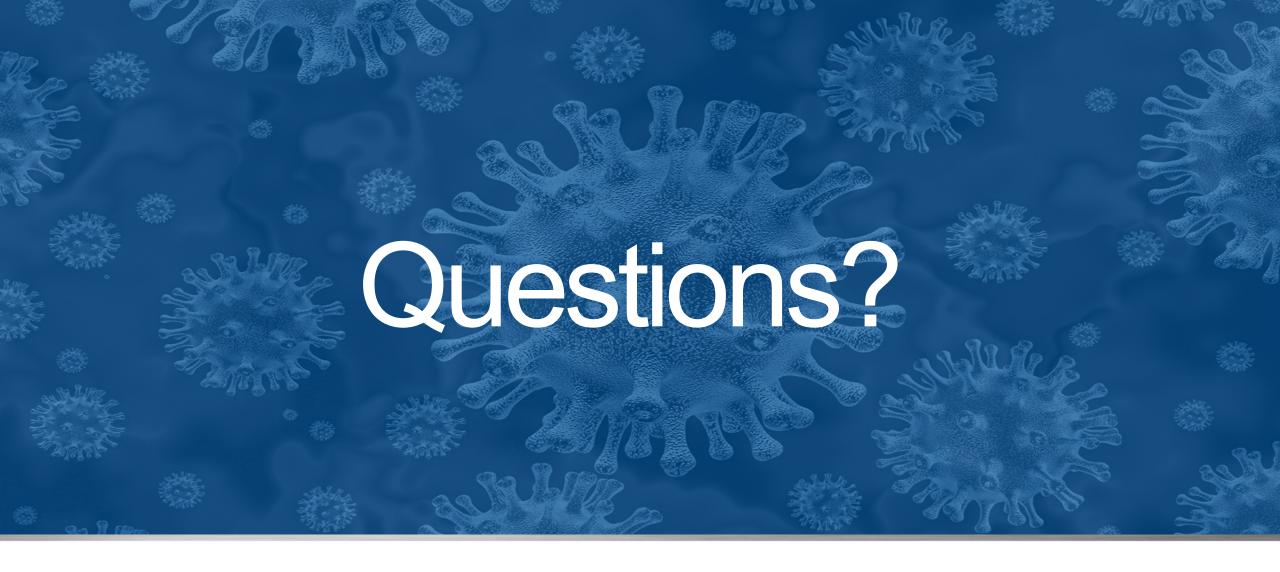
- Use diverse community partners and influencers to carry correct information into the community.
- Provide vaccine conversations with minority groups.
- Partner with Department of Neighborhoods to engage the community and provide boots on the ground information.
- Launch a community multi-media campaign with a special focus on underserved minorities.

Columbus Public Health's

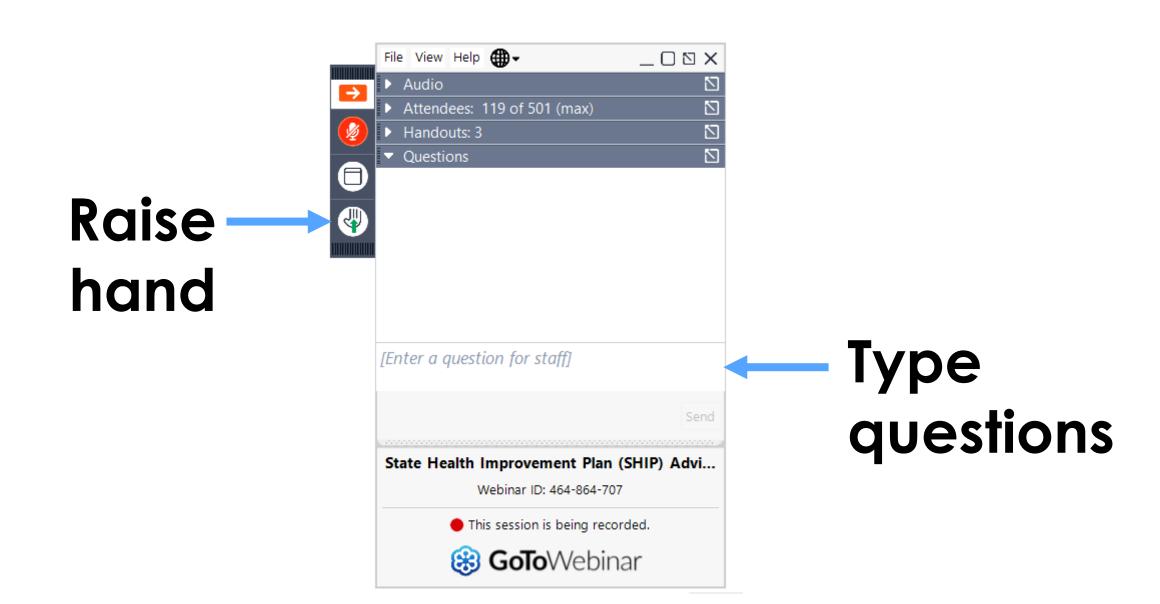
Weekly Opportunity Clinic

- Targeted to at-risk neighborhoods
- Held at Columbus Public Health
- Eligible residents in zip codes:
 - 43203, 43204, 43205, 43206, 43207,43211, 43219, 43222, 43223, 43224,43227, 43229, 43232
- Dedicated phone number for registration.
- Transportation is available to those who need it.











Debbie Kaminer

Professor, Department of Law Zicklin School of Business, Baruch College (CUNY)

Legal and Ethical Considerations for the COVID-19 vaccine

Debbie Kaminer

Law Professor

Zicklin School of Business, Baruch College

City University of New York

Overview

- ► I. Government Mandates
 - ► A. Broad Mandates
 - ▶ B. Targeted Mandates
- ► II. Private Business Mandates
 - ► A. Customers
 - ▶ B. Employees
- ► III. Nudging and Encouraging



Broad Based Government Mandates

► Jacobson v. Massachusetts



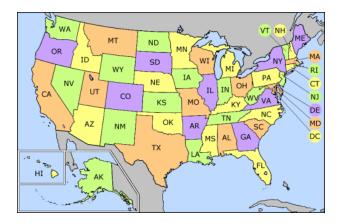
NYC Measles Outbreak



▶ Problems with Broad Based Government Mandates

Targeted Government Mandates

Examples



Religious and Philosophical Exemptions

▶ Who should be Covered?



Private Business Mandates

- Employees and Customers
- ▶ Distinguish from Government Mandates
 - ► Constitution not Applicable



Private Business and Employees

- ► Equal Employment Opportunity Commission
 - ► Antidiscrimination Laws
 - ► Balancing Tests and "Undue Hardship"
- Unvaccinated as Protected Category?







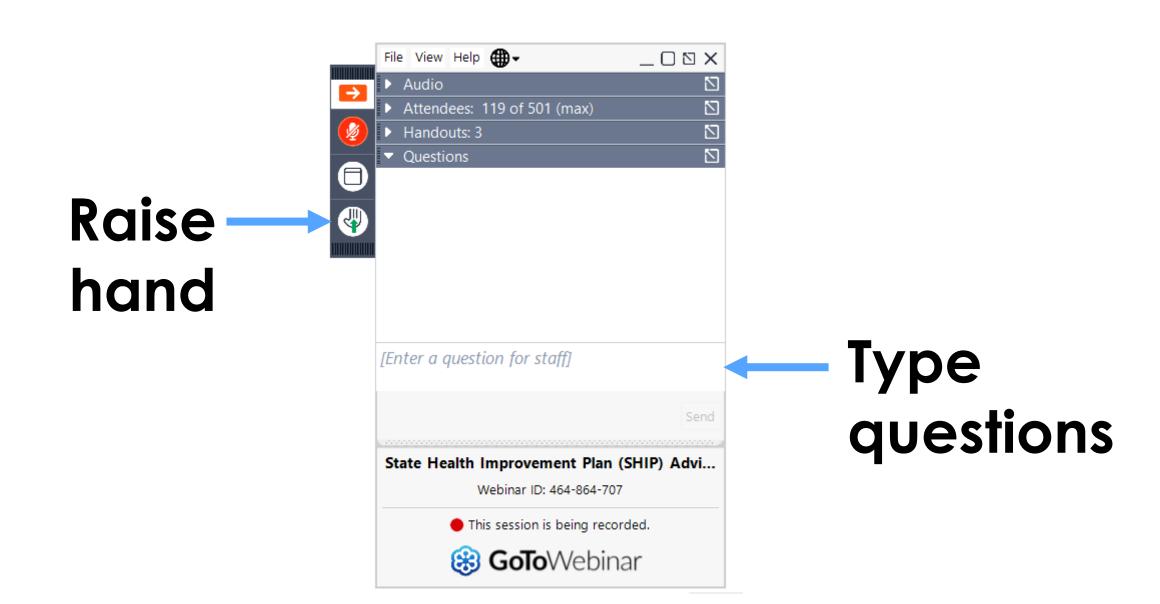
Nudging

Messaging Examples



Vaccination Studies





Questions

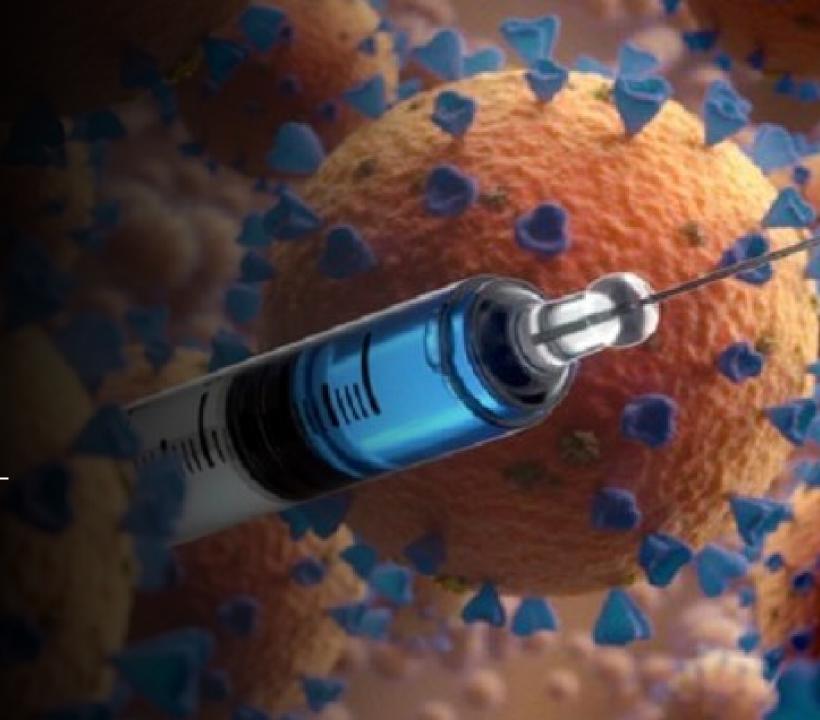


Dr. Angela Hill

Professor and Associate Dean of Clinical Affairs, Project Director, WE-CARE Taneja College of Pharmacy, University of South Florida Effective
Communication
and Messaging
for the COVID-19
Vaccine

Angela M. Hill, Pharm.D., CRPh
Professor and Associate Dean of Clinical Affairs

Taneja College of Pharmacy







Workgroup Enhancing Community Advocacy and Research Engagement

























WE-CARE: Achieving Health Equity

Kevin B. Sneed, PharmD

Senior Associate Vice-President/ USF Health

Dean and Professor, USF College of Pharmacy

WE-CARE Founder





















WE-CARE Overview

WE-CARE Mission

To advocate for and oversee research activities within the community (underrepresented, minority and medically underserved) in the Tampa Bay area.



Empower underrepresented communities

Provide oversight, protection, and advocacy for community participants involved in research

Create and enhance research opportunities for underrepresented communities

Enhance and expand trust between academic and clinical institutions and the community

Strengthen the relationship between researchers and the community



Why WE-CARE?

- Want to improve health outcomes for everyone!
- What works for some does not work for all (pharmacogenomics)
- Response to treatment varies (gender, age, ethnic groups)
 - Imbalance of who participates in research
 - Many are underrepresented
- We don't know what works unless we can prove it
- Don't have robust research







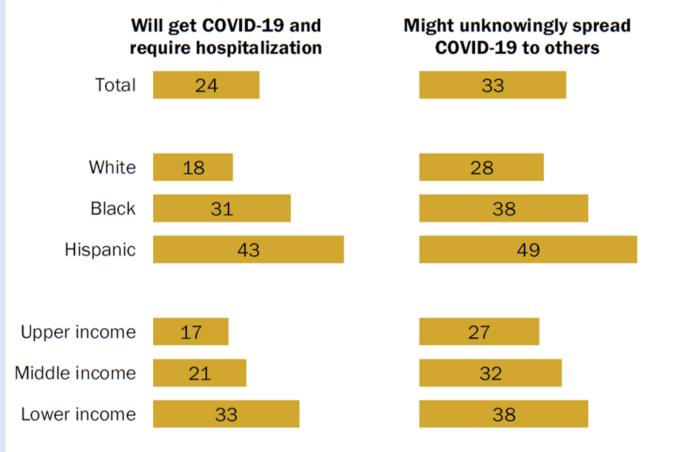
WE-CARE Activities: How?

- Community Advocacy Matchmaking Events
- Community Research Review/Advisory Board
- Community Interfaces
 - Focus Groups
 - African-American, Hispanic, and Western Indian groups
- Community Education Initiatives
 - Cancers affecting Minorities
 - Alzheimer's Disease
 - Mental Health
 - COVID



Racial and income differences in concerns over contracting COVID-19, spreading it to others

% who say they are **very** concerned that they ...



Notes: Whites and blacks include only those who are not Hispanic; Hispanics are of any race. Family incomes are based on 2018 earnings and adjusted for differences in purchasing power by geographic region and for household size.

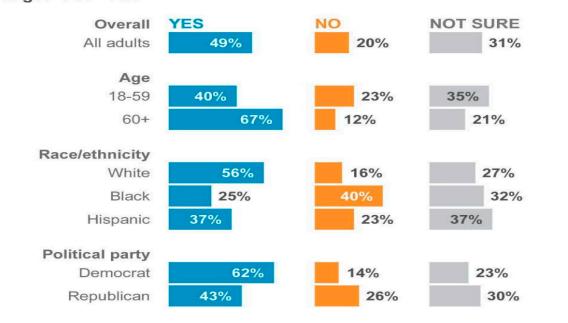
Source: Survey of U.S. adults conducted April 7-12, 2020.

PEW RESEARCH CENTER

About half of Americans say they would get a coronavirus vaccine

A new AP-NORC poll finds that roughly half of Americans say they would get vaccinated for COVID-19, but many are uncertain or would refuse to do so. African Americans, Hispanics, young adults and Republicans are less likely than others to say they would get vaccinated.

If a vaccine against the coronavirus becomes available, do you plan to get vaccinated?



Results based on interviews with 1,056 U.S. adults conducted May 14–18. The margin of error is ±4.2 percentage points for the full sample.

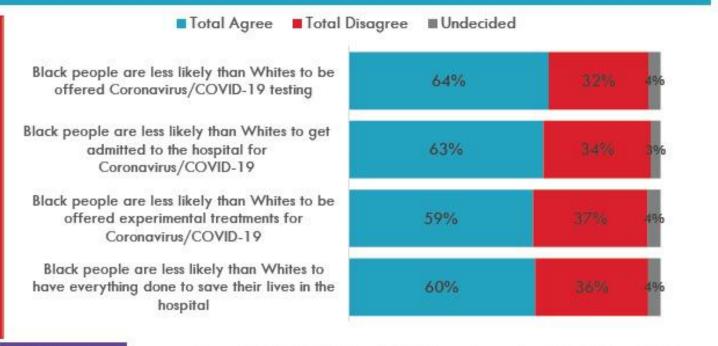
AP

27

For each of the following statements, indicate whether you [agree]...

[Total agree = somewhat + strongly agree]

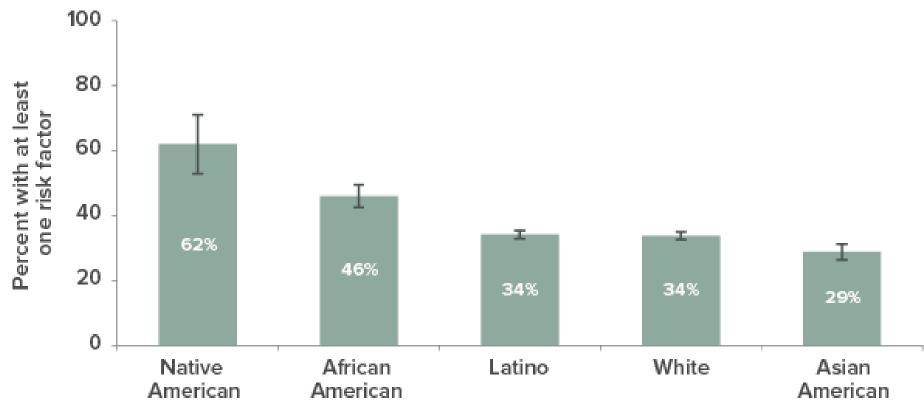
[Total disagree = somewhat + strongly agree]



African American Research Collaborative

Source: AARC COVID-19 Poll, n=604 (all African Americans), in field 5/1/20 to 5/7/20

RISK FACTORS FOR COVID-19 COMPLICATIONS ARE MORE PREVALENT FOR SOME RACIAL/ETHNIC GROUPS



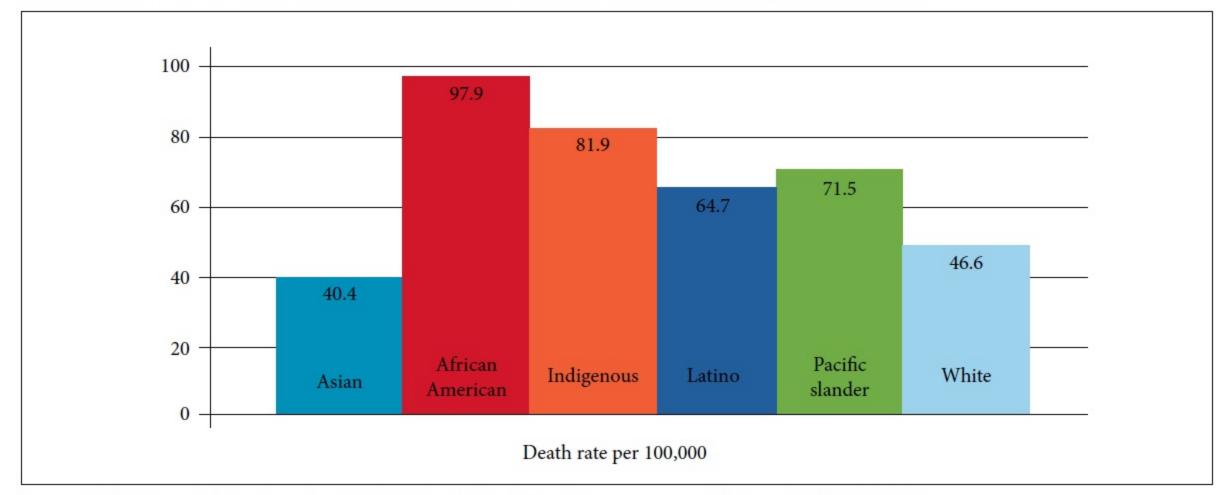
Source: Author calculations from 2018 CHIS Public-Use Adult File.

Note: The error bars above each vertical bar show standard deviations. Risk factors associated with serious illness for COVID-19 included in this analysis are heart disease, diabetes, severe obesity (BMI>40), and uncontrolled asthma. These figures represent 24.0 million Californians ages 18–64: 0.4% are Native American, 6% are African American, 41% are Latino, 37% are White, and 14% are Asian American.

From: PPIC Blog, April 2020.



FIGURE 1. COVID-19 deaths per 100,000 people by race/ethnicity, through September 10, 2020



Source: APM Research Lab, September 10, 2020. Available at https://www.apmresearchlab.org/COVID/deaths-by-race.



MAY 13, 2020 12:00 -1:00pm

WE CARE Minority Health Series & REACHUP, Inc.
Presents

"Ask the Dean"

An Opportunity for Virtual Dialogue about Covid-19



Featuring: Kevin B. Sneed PharmD, FNAP, FNPHA Sr. Associate Vice-President, USF Health Dean and Professor USF Health Taneja College of Pharmacy

Join Zoom Meeting

https://us02web.zoom.us/j/86579464410? pwd=RGRzS2E4bm5HRWZQY00xSVVVWG5yQ

Meeting ID: 865 7946 4410 Password: 341444

One tap mobile

- +13017158592,,86579464410#,,1#,341444# US (Germantown)
- +13126266799.,86579464410#.,1#,341444# US (Chicago)

Meeting ID: 865 7946 4410 Password: 341444

Find your local number: https://us02web.zoom.us/u/ks7tdl7Kt

*Please Note: There is no continuing pharmacy education (CPE) associated with this program. Attendance is limited to the first 500 people to sign-on.

For more information: https://health.usf.edu/pharmacy/we-care https://www.reachupincorporated.org



SOUTH FLORIDA
Taneja Cellage of Pharmacy

REACHUP where there's a will, we are the way



2020 12:00 -1:00pm

MAY 20,

WE-CARE Minority Health Series & REACHUP, Inc.
Presents

"Physical and Mental Wellness during the Pandemic" A Virtual Opportunity to Dialogue about the Impact of Covid-19 Pandemic



Dr. Angela M. Hill, Pharm.D., CRPh Professor & Associate Dean of Clinical Affairs



Dr. Thea Moore, Pharm.D., BCPP Associate Professor Pharmacotherapeutics & Clinical Research

Join Zoom Meeting

https://us02web.zoom.us/j/82827196128?pwd=TXZoaHdrQ1FWeWFocFZGK2NOVEI2Zz09

For more information: https://health.usf.edu/pharmacy/we-care https://www.reachupincorporated.org

*Please Note: There is no continuing pharmacy education (CPE) associated with this program. Attendance is limited to the first 100 people to sign-on.









WE-CARE Minority Health Series & REACHUP, Inc.
Presents

"Collaboration and Partnerships for COVID-19 Response" A Virtual Opportunity to Dialogue about the Impact of Covid-19 Pandemic









Deborah Austin, Ph.D. REACHUP, Inc.

Join Zoom Meeting

https://us02web.zoom.us/i/82434540337?
pwd=K0kyenVFWnhPb29YNWorNTdlOFo1UT09

Meeting ID: 824 3454 0337 Password: 689111

For more information: https://health.usf.edu/pharmacy/we-care https://www.reachupincorporated.org

*Please Note: There is no continuing pharmacy education (CPE) associated with this program. Attendance is limited to the first 100 people to sign-on.









WE-CARE Minority Health Series & REACHUP, Inc.
Presents

"Testing and Treating Approaches for Covid -19"

A Virtual Opportunity to Dialogue about the Impact of Covid-19 Pandemic





2020

12:00 -

1:00pm

Join Zoom Meeting

https://us02web.zoom.us/j/84964774837?pwd=TldBZnZaVW5LM1hTbUhQZ2d6d2YyUT05

For more information: https://health.usf.edu/pharmacy/we-care https://www.reachupincorporated.org

*Please Note: There is no continuing pharmacy education (CPE) associated with this program
Attendance is limited to the first 100 people to sign-on.







WE-CARE COVID Initiatives- What?

Virtual workshops

- Panel discussions
- Town Halls
- Dialogues and Discussions
- Radio Interviews
- Newspaper stories
- Business Trainings
- Forums

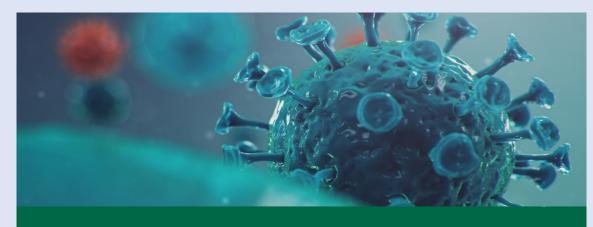
Vaccination Events

Recruitment of appropriate individuals

Myths regarding the COVID Infection and the Vaccines

- COVID is manmade.
- **❖**COVID is just like the flu.
- **❖**COVID is a form of genocide.
- ❖You can contract COVID from the mail.

- The vaccine will damage my DNA.
- The vaccine will infect me with COVID-19.
- It is better to build natural immunity instead of getting the vaccine.
- The vaccine will make me infertile.
- They want black and brown individuals to get the vaccine so they can kill us.
- They made the vaccine too quick. It isn't safe.
- The vaccine is a tracking device.



WE-CARE AND REACHUP, INC

INVITE THE GRECO MIDDLE SCHOOL FAMILIES TO

A COVID-19 ZOOM **DISCUSSION**

TUESDAY, JANUARY 5, 2021 @ 7PM

click here to register: https://us02web.zoom.us/meeting/register/ tZ0oc-iprTwrGdM9JGt3wTx8uQ2h2Xaqkoe2







Kevin B. Sneed

PharmD, FNAP, FNPHA Sr. Associate Vice-President USF Health Dean and Professor USF Health Taneja College of Pharmacy







TUSKEGEE HENRIET

"Revisiting the FACTS to appreciate the Evolution of Research Processes Workshop"

FEBRUARY 2, 6pm-7pm (ET)

We will recap the Tuskegee Syphilis study and the legacy of Henrietta Lacks in regards to African American participation in research in the early 1900's. Describe the evolution of research processes and methodologies over the last century. Explain the benefits of protections provided by research participation.

Register in advance for this meeting: https://us02web.zoom.us/meeting/register/ tZcscO2przgjHNex58CBL1T6bQNT76pg6Usv















WE-CARE Initiatives: WHO?

Community Groups

- USF, faculty and student groups
- Faith-based organizations
 - Individual churches
 - Denomination leadership
- Athletic Coaches
- Children's Board of Tampa
- Private Employers
 - Bank of America
 - NeoGenomics
- Department of Juvenile Justice/Restoring Hope Community Network
- Arabic Refugee Group
- Tampa Bay Refugee Task Force
- Florida Black Association of Journalists

Social and Civic Organizations

- Hispanic & Latin Coalition
- Fraternities & Sororities
- NAACP
- National Coalition of Women
- Urban League
- Rotary
- 100 Black Men
- Lynks
- Jack & Jill

Topics Discussed Related to Vaccines During Workshops

Mechanism of Action of Vaccines
 Two-Dose Requirement

Vaccine supplies

Side Effects of Vaccine

Mutations of COVID Virus

Comparative Efficacy of Vaccines

 Use of Vaccines in Children and special populations

Research Findings on Vaccines

Challenges with Testing, Treating, and Vaccinating During the Pandemic

- Vaccination registration processes
- Long waits for vaccine
- Healthcare Literacy
 - Jargon for testing, mechanism of action of vaccines
- Technology Literacy
- Vaccine Supplies

What is Behind the Magic?

Resource Sharing

Officializing Collaborations

Meeting with the Gatekeepers

Incorporating the Gatekeepers into Activities

- Developing Culturally-Tailored Approaches
- Find Multiple Ways to Interact with Groups...not just focusing on research
- Co-sponsoring events with social and civic groups
- Using communication platforms strategically

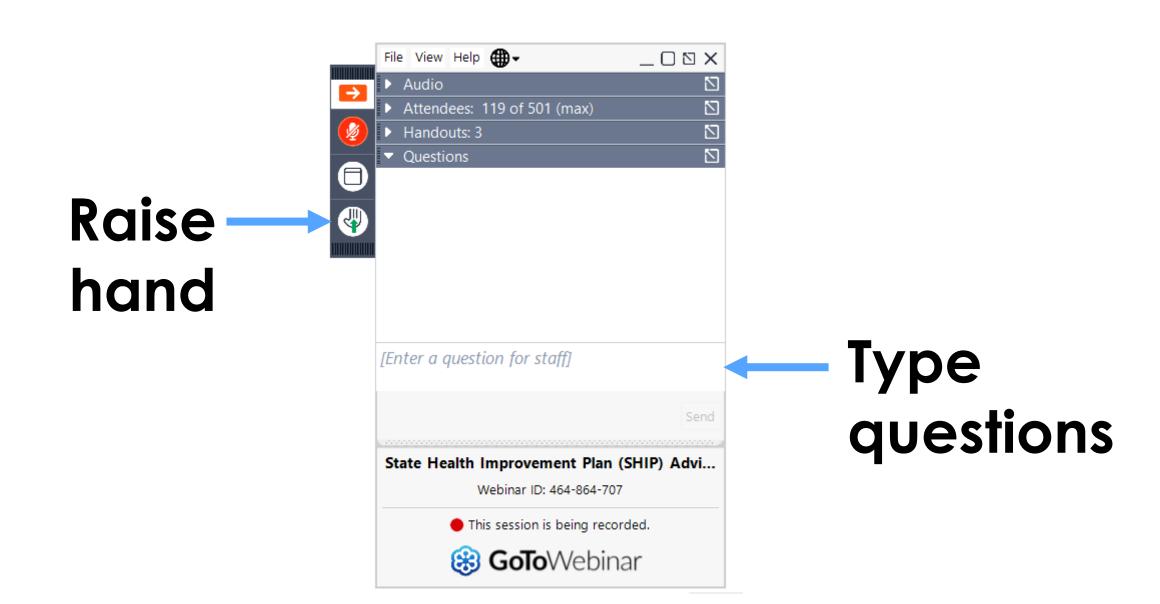
Video

https://usf.box.com/s/s09sir6hqoqfvciafsqosr4tb9u3un6o

For further questions:

Angela M. Hill, Pharm.D., RCPh ahill2@usf.edu





Questions

Poll Question



Ways to influence policy

- Write letters, emails or make phone calls
- Provide district specific data
- Provide analysis of a bill
- Provide testimony at a legislative hearing
- Provide a one-page fact sheet
- Organize community partners to visit key policymakers
- Invite policymakers to visits your organization or speak at a meeting you host

Poll Question



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Thankyou