

Push is underway to test COVID-19 vaccines in diverse groups

September 18 2020, by Lauran Neergaard and Federica Narancio



A "promotora" (health promoter) from CASA, a Hispanic advocacy group, tries to enroll Latinos as volunteers to test a potential COVID-19 vaccine, at a farmers market in Takoma Park, Md., on Sept. 9, 2020. Minority enrollment in studies of two shots has inched up in recent weeks, but even more is needed this fall as additional vaccine testing gets underway over the next two months. (AP Photo/Federica Narancio)

In front of baskets of tomatoes and peppers, near a sizzling burrito grill, the "promotoras" stop masked shoppers at a busy Latino farmers market: Want to test a COVID-19 vaccine?

Aided by Spanish-speaking "health promoters" and Black pastors, a stepped-up effort is underway around the U.S. to recruit minorities to ensure potential vaccines against the scourge are tested in the populations most ravaged by the virus.

Many thousands of volunteers from minority groups are needed for huge clinical trials underway or about to begin. Scientists say a diverse group of test subjects is vital to determining whether a vaccine is safe and effective for everyone and instilling broad public confidence in the shots once they become available.

The expanded outreach by vaccine researchers and health officials is getting a late start in communities that, because of a history of scientific exploitation and racism, may be the most reluctant to roll up their sleeves.

Just getting the word out takes time.

"I didn't know anything about the vaccine until now," said Ingrid Guerra, who signed up last week at the farmers market in Takoma Park, Maryland, outside the nation's capital.

The health promoters from CASA, a Hispanic advocacy group, explained how the research process works and how a vaccine could help end the coronavirus pandemic.



A "promotora" (health promoter) from CASA, a Hispanic advocacy group, tries to enroll Latinos as volunteers to test a potential COVID-19 vaccine, at a farmers market in Takoma Park, Maryland on Sept. 9, 2020. Minority enrollment in studies of two shots has inched up in recent weeks, but even more is needed this fall as additional vaccine testing gets underway over the next two months. (AP Photo/Federica Narancio)

"I'm not afraid," Guerra decided. "I want to participate for me, my family, my people."

University of Maryland researchers agreed to set up a temporary lab at CASA's local community center so that people struggling financially wouldn't have to travel to participate.

The hardest part, many experts say, is gaining trust.

"A white guy from NIH is probably not going to be as effective by far in convincing somebody from a minority community that this is the kind of science they might want to trust, as would a doctor from their own community," said Dr. Francis Collins, director of the National Institutes of Health.

Recruiting African Americans in particular will be "a heavy, heavy lift," Collins said, because of the legacy of mistrust after the infamous Tuskegee experiment, when Black men in Alabama were left untreated for syphilis as part of a study that ran from the 1930s into the '70s.

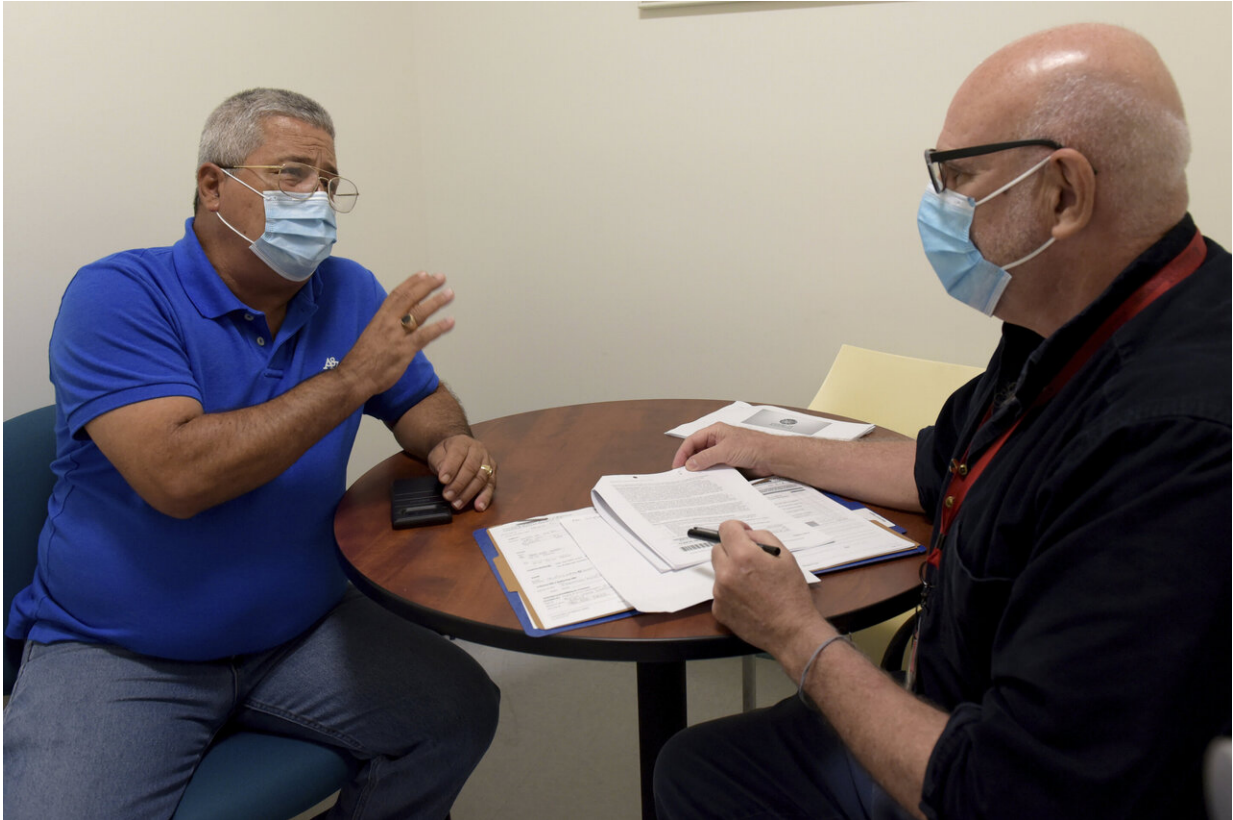


University of Miami Miller School of Medicine phlebotomist Mayra Fernandez takes a blood sample from study participant Julio Li, Wednesday, Sept. 2, 2020, in Miami. Miami is one of 89 cities around the U.S. that's testing the Moderna COVID-19 vaccine. (AP Photo/Taimy Alvarez)

Some Black doctors, too, are wrestling with doubts. Dr. Tina Carroll-Scott, medical director of the South Miami Children's Clinic, described a "really, really tough" time, considering the political influence that the Trump administration has exerted on long-trusted health agencies like the Food and Drug Administration.

"Wondering whether that's going to affect the trials and even the vaccine that comes out I think are all valid concerns," said Carroll-Scott, who ultimately decided to recommend the studies. "We know that Blacks and Latinos are bearing the brunt of this virus and, yeah, we definitely need to make sure that this vaccine works for them."

In the U.S., Black, Latino, Native Americans and Asians are more at risk of hospitalization and death from the coronavirus. Together they make up nearly 40% of the U.S. population, and an equitable vaccine study would match those demographics, though health officials would like to see even greater numbers.



Juan Casuso, right, research coordinator from the University of Miami Miller School of Medicine, speaks with volunteer Julio Li during the intake process for Li to participate in testing for the National Institutes of Health-funded Moderna COVID-19 vaccine, Wednesday, Sept. 2, 2020 in Miami. Miami is one of 89 cities around the U.S., that's testing the Moderna COVID-19 vaccine. Study participants do not know if they're getting the vaccine or a placebo. (AP Photo/Taimy Alvarez)

As Moderna Inc. neared its goal of 30,000 study participants, some sites slowed recruitment in recent weeks to increase minority enrollment, now at about 28%.

Pfizer Inc., which recently asked the FDA for permission to expand to 44,000 volunteers, says about a quarter of its U.S. participants are from

communities of color, more when counting trial sites in Brazil and Argentina. Both companies are having the most success in recruiting Hispanics.

"It's really important that this vaccine work for everyone, or if it doesn't, that we understand why," said Dr. Susanne Doblecki-Lewis of the University of Miami, who is helping to test the Moderna vaccine. Researchers might need to compare the different vaccines "and see how one might better fit a population than another."

A lack of diversity in the research would have ripple effects once any vaccine is approved for widespread use. Even before final testing began, a poll from The Associated Press-NORC Center for Public Affairs Research found just 25% of African Americans and 37% of Hispanics would get a vaccine once it's available, compared with 56% of whites.



Infectious diseases research assistant Irma Barreto Ojeda, right, holds a tray with a syringe containing either a placebo or the Moderna COVID-19 vaccine as she confers with University of Miami Miller School of Medicine nurse Inza Patton, left, and pharmacist Barbara Huang Wednesday, Sept. 2, 2020 in Miami, as part of the National Institutes of Health-funded third phase of a clinical trial. They go through a verification process to confirm the right study participant is receiving the correct injection of either a placebo or the vaccine, which is only known to the pharmacy team. (AP Photo/Taimy Alvarez)

"If and when we have a vaccine ready, if you didn't have enrollment of minorities, then people are going to say, 'Why should I put the vaccine in myself?'" said Dr. Carlos del Rio of Emory University, another study site.

Yet too often, when Dr. Christian Ramers of Family Health Centers of San Diego tries to recruit, he is told: "How can you possibly expect me to be a guinea pig when time and again we've volunteered our community members and not seen the benefits of the research?"

Theresa Hagen of Miami Beach, Florida, hopes she is a role model for other African Americans considering volunteering.

"I may be part of history right here," she said after enrolling in the University of Miami's study. The research "benefits not only African Americans but everyone in general."

Researchers are gearing up to recruit thousands more volunteers over the next two months, as shots made by Johnson & Johnson and Novavax enter final testing and a paused study from AstraZeneca is expected to resume in the U.S.



University of Miami Miller School of Medicine phlebotomist Mayra Fernandez prepares to take a blood sample from study participant Julio Li, Wednesday, Sept. 2, 2020, in Miami. Miami is one of 89 cities around the U.S. that's testing the Moderna COVID-19 vaccine. (AP Photo/Taimy Alvarez)



University of Miami Miller School of Medicine nurse Loreta Padron prepares to test a volunteer for COVID-19, Wednesday, Sept. 2, 2020 in Miami. Miami is one of 89 cities around the U.S. that's testing the Moderna COVID-19 vaccine. (AP Photo/Taimy Alvarez)



National Institutes of Health-funded Moderna COVID-19 vaccine study participant ^o_B, William Webb, right, gets a COVID-19 nose swab test by University of Miami Miller School of Medicine nurse Loreta Padron, Wednesday, Sept. 2, 2020 in Miami. Miami is one of 89 cities around the U.S. that's testing the Moderna COVID-19 vaccine. (AP Photo/Taimy Alvarez)



University of Miami Miller School of Medicine Infectious Diseases Dr. Susanne Doblecki-Lewis, stands inside an exam room in Miami, Fla., Wednesday, Sept. 2, 2020. Doblecki-Lewis is leading the research on the National Institutes of Health-funded Moderna COVID-19 vaccine third phase of a clinical trial. "It's really important that this vaccine work for everyone, or if it doesn't, that we understand why," she says. (AP Photo/Taimy Alvarez)



Blood samples from volunteers participating in the National Institutes of Health-funded Moderna COVID-19 vaccine third phase clinical trial wait to be processed in a lab^o, at the University of Miami Miller School of Medicine in Miami, Fla., Wednesday, Sept. 2, 2020 in Miami. (AP Photo/Taimy Alvarez)

NIH this week began a [program](#) to better inform minority populations about the vaccine studies—and other COVID-19 information—and awarded \$12 million to help form "community engagement" teams in 11 especially hard-hit states.

And as part of the NIH's COVID-19 Prevention Network, the Rev. Edwin Sanders II of the Metropolitan Interdenominational Church in Nashville is heading a separate national project for "faith ambassadors" and clergy to dispel misinformation about vaccines and research.

"We're not trying to twist anybody's arm," said Sanders, who has spent decades working with AIDS researchers to increase Black participation in studies of HIV vaccines and treatments.

People will have reasonable questions and fears, he said. The key is bringing them together with scientists and trusted community leaders for respectful, open conversations.

"We're trying to change consciousness and change mindset," Sanders said. "It's not a quick fix."

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