



Med4Minorities

@BHSC




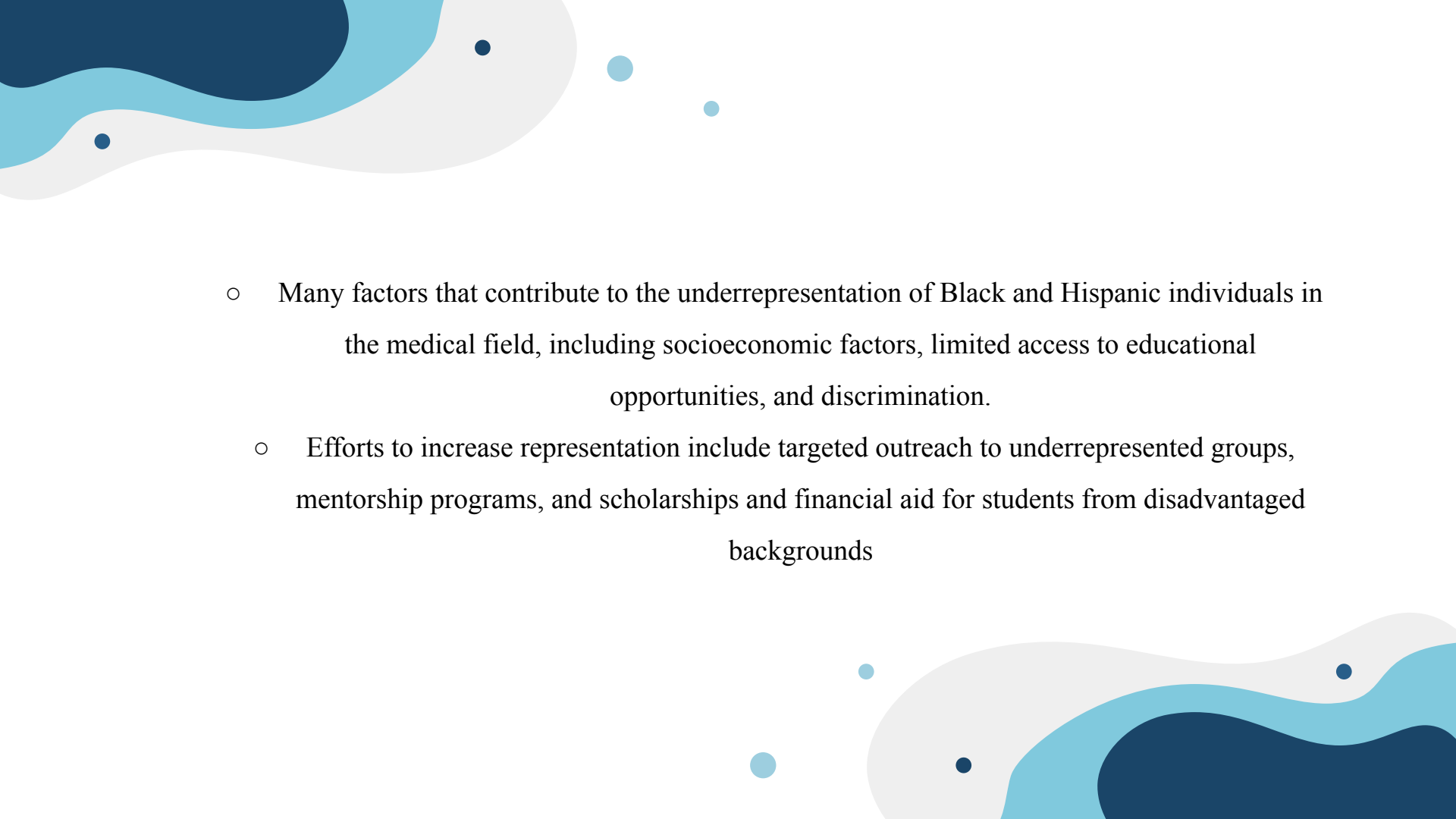
What percent of medical school applicants/students do you think are Black & Latine?

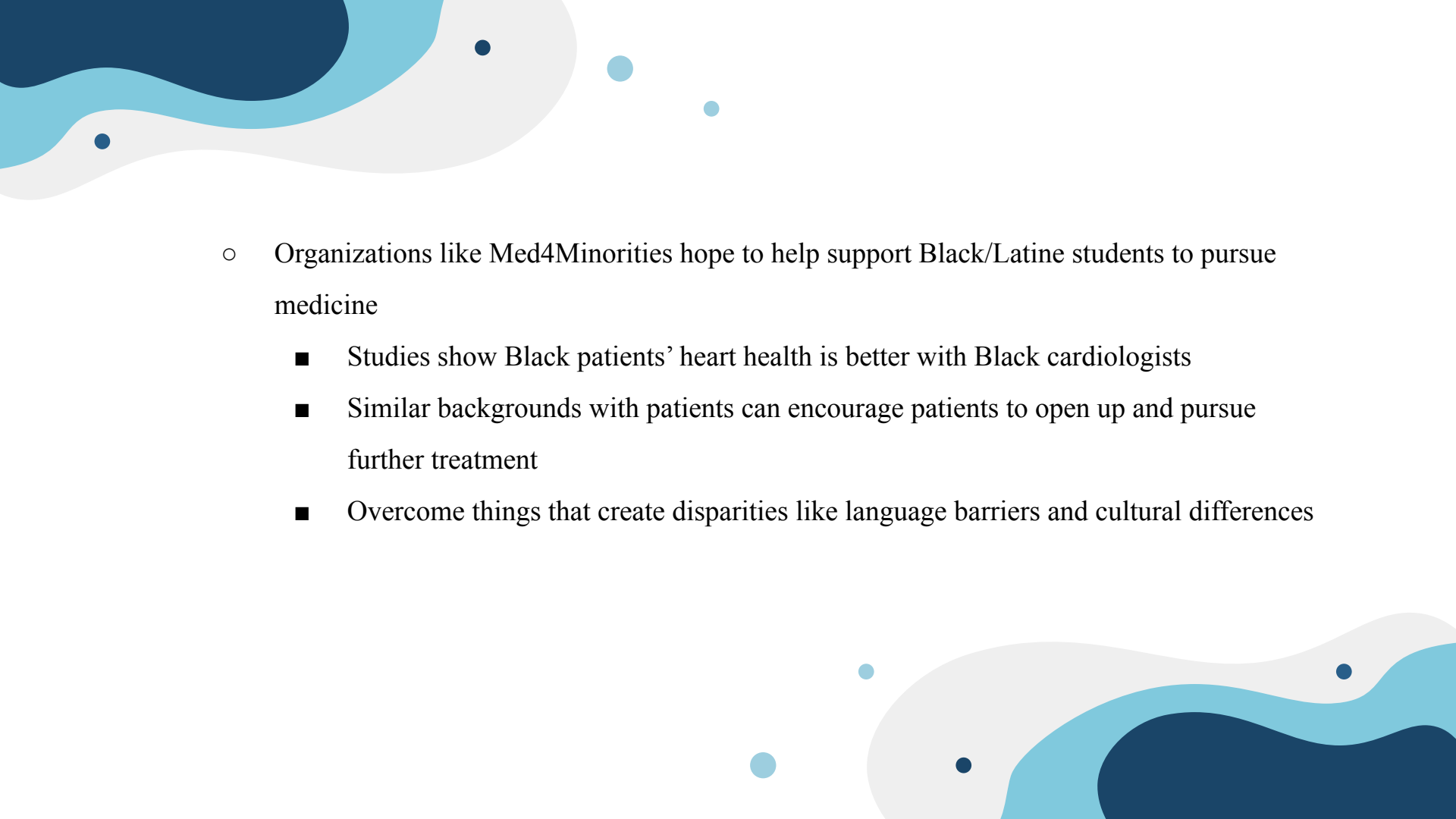


Correct Answer:

As of 2021, Black students accounted for 7.3% of all medical school applicants and 7.1% of all enrolled medical students, while Hispanic/Latinx students accounted for 7.6% of all medical school applicants and 6.5% of all enrolled medical students. White students accounted for 53.5% of all applicants and 56.8% of all enrolled medical students.



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- Many factors that contribute to the underrepresentation of Black and Hispanic individuals in the medical field, including socioeconomic factors, limited access to educational opportunities, and discrimination.
 - Efforts to increase representation include targeted outreach to underrepresented groups, mentorship programs, and scholarships and financial aid for students from disadvantaged backgrounds

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- Organizations like Med4Minorities hope to help support Black/Latine students to pursue medicine
 - Studies show Black patients' heart health is better with Black cardiologists
 - Similar backgrounds with patients can encourage patients to open up and pursue further treatment
 - Overcome things that create disparities like language barriers and cultural differences




Disparities/Systematic Problems



True or False

Black and Hispanic individuals are more likely to experience chronic conditions such as diabetes, hypertension, and heart disease compared to White individuals.



The image features a minimalist design with abstract, organic shapes in shades of dark blue, light blue, and grey. These shapes are positioned in the top-left and bottom-right corners, creating a sense of balance. Scattered throughout the white background are several small, solid-colored dots in the same color palette. The central focus is the word "True!" written in a bold, dark blue, sans-serif font.

True!



True or False

Black and Hispanic women are more likely to die from pregnancy-related complications (their infants are more likely to be born prematurely or with low birth weight)

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True!



True or False

Black and Hispanic individuals are less likely to receive preventive services (cancer screenings, immunizations, etc)



True!



True or False

Black and Hispanic individuals experience bias and discrimination from healthcare providers, which leads to lower quality care.

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True!

Reasons/Causes

- Health insurance problems
 - limits access to healthcare services
- Genetics
 - Research has shown that certain genetic factors may increase the risk of developing certain chronic conditions. For example, studies have found that Black and Hispanic individuals may have a higher prevalence of genetic variants that increase the risk of type 2 diabetes and hypertension.
- Discrimination and racism
 - Black and Hispanic individuals may experience discrimination and racism in various forms throughout their lives, which can lead to chronic stress and poor mental health. Chronic stress has been linked to an increased risk of chronic conditions such as diabetes, hypertension, and heart disease.



Famous Black/Hispanic Doctors

Dr. Alfredo Quiñones-Hinojosa ("Dr. Q")

- Mexican-American neurosurgeon and cancer researcher
- professor of neurosurgery and oncology at the Mayo Clinic in Rochester, Minnesota
- he is known for his expertise in brain cancer surgery and his development of minimally invasive surgical techniques.
- He has also been a strong advocate for diversity in medicine, founding the Destination Medicine program at the Mayo Clinic
 - which aims to mentor underrepresented minority students in the field of medicine.



Dr. Alfredo Quiñones-Hinojosa

- She earned her Bachelor's degree in Chemistry from Hunter College in 1964.
- She earned her Medical Doctorate from Howard University College of Medicine in 1968.
- She became the first African-American resident in ophthalmology at New York University's School of Medicine.

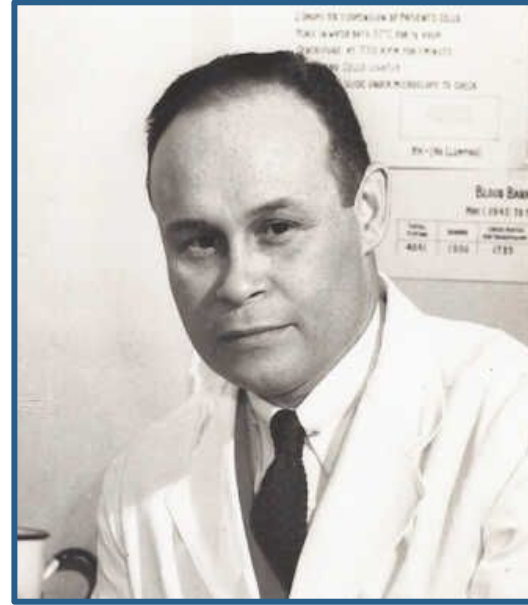
- In 1981, Bath began developing the Laserphaco Probe, which uses a laser to vaporize cataracts, allowing for a less invasive and more precise surgical technique.
- The device was patented in 1988, and Bath became the first African-American female doctor to receive a medical patent.
- Bath was also a strong advocate for improving healthcare access for underserved communities and founded the American Institute for the Prevention of Blindness in 1977.



Dr Patricia Bath (1942–2019)

Dr. Charles Drew (1904–1950) was an African American surgeon and medical researcher who is best known for his pioneering work in blood transfusion research and the development of blood banks.

- Served as the director of the American Red Cross Blood Bank, developing techniques for large-scale blood collection, processing, and storage
- Advocated for the non acceptance of blood from African-American donors



Dr. Charles Drew

- Studied nursing at the Medical and Surgical Hospital School of Nursing in Texas
- PhD from NYU in 1971
- created the National Association of Hispanic Nurses in 1975
- “I saw that I was the only Hispanic nurse who was going to Washington to work with the federal government, review research and education grants, etc.,” Murillo-Rohde later noted. “I looked behind me and thought: ‘Where are my people?’”
- the American Academy of Nursing named her one of their living legends in 1994



Dr. Ildaura Murillo-Rohde, PhD, RN (1920–2011)

Historically Black Colleges and Universities

Howard University

The Howard University College of Medicine is one of the oldest HBCU medical schools in the country, and is known for its focus on underserved communities and commitment to social justice.

Howard also has a 6 year medical program (2 yr undergrad, 4 MD)

Morehouse School of Medicine

It is known for its focus on addressing health disparities and promoting health equity, and has partnerships with local hospitals and clinics to provide hands-on clinical experience for students.

Meharry Medical College

It is one of the few HBCUs with a dental school, and is also home to the Robert Wood Johnson Center for Health Policy, which conducts research and advocacy on health equity and social determinants of health.

Xavier University of Louisiana

Its College of Pharmacy is the only HBCU pharmacy school in the country, and it also has a strong pre-med program that prepares students for medical school and other healthcare careers.

Hispanic Serving Institutions

University of Texas at El Paso

This school offers a range of healthcare education programs, including nursing, public health, and biomedical engineering. UTEP is also home to the Border Biomedical Research Center, which conducts research on health issues affecting the U.S.-Mexico border region.

University of New Mexico

UNM is located in Albuquerque, New Mexico, that offers nursing and pharmacy as well as many more. It is known for its commitment to serving the healthcare needs of the state's diverse population, including its large Hispanic population.

California State University, Los Angeles

CSULA offers a variety of healthcare programs, including nursing, public health, and kinesiology. Its nursing program has been recognized for its focus on providing healthcare to underserved communities.


University of Illinois at Chicago

UIC's status as a Hispanic-Serving Institution (HSI) was confirmed in 2016 through a \$5.3 million grant from the Department of Education. The grant is intended to support UIC's initiatives aimed at boosting the number of Latino/a and low-income students who complete STEM degrees.

The University of Illinois at Chicago (UIC) offers a Guaranteed Professional Program Admissions (GPPA) program for highly qualified high school students who are interested in pursuing a career in medicine, pharmacy, nursing, or other health-related fields.


Scholarship Opportunities

- Jackie Robinson Scholarship Foundation
- HACER McDonalds Scholarship
- Hispanic Scholarship Fund
- Ron Brown Foundation
- Congressional Black Caucus Foundation
- Black [People] @ Microsoft
- NAACP Scholarships
- Youth Awards from the Hispanic Heritage Foundation
- QuestBridge
- Bill Gates Foundation
- Jack Kent Cooke Foundation
- ***Local/small scholarship opportunities! They add up pretty quickly!***



@ scholarshipmoneyforstudents
@ carle100
@ scholarworld
@ mssusyruiz

all on instagram!



tip: don't solely focus on no-essay scholarships, because you're less likely to win those! repurpose college essays and rewrite chunks for scholarships



Opportunities Provided By Med4Minorities

Project Synapse

Project Synapse is a youth outreach program intended to expose students to the nervous system and, concomitantly, to the field of neurological surgery.

8 Week Mini - Mentorship

8 week mentorship where students meet with mentors who are doctors in a diverse set of fields to learn about a number of things including college readiness, medical school preparation, look into labs, and more. Gives students an opportunity to look for a possible SIR for the following school year or independent study.

College Resource Guide

Med4Minorities own college resource guide tackles AP resources, suggestions on classes to take if you're interested in medicine, SIR/research opportunities, college classes you need to go to medical school, and more!

Questions!

- 1) What would help aid you in your pursuit of higher education?
- 2) Why are there such low numbers of black and latinx students in medicine?

5 minutes to respond to both or one of the questions!

be prepared to share :D