

Meeting Regional STEMM Workforce Needs in the Wake of COVID-19: A Virtual Workshop Series of The National Academies of Sciences

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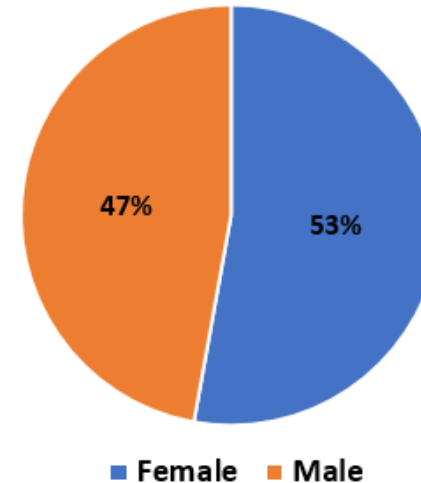
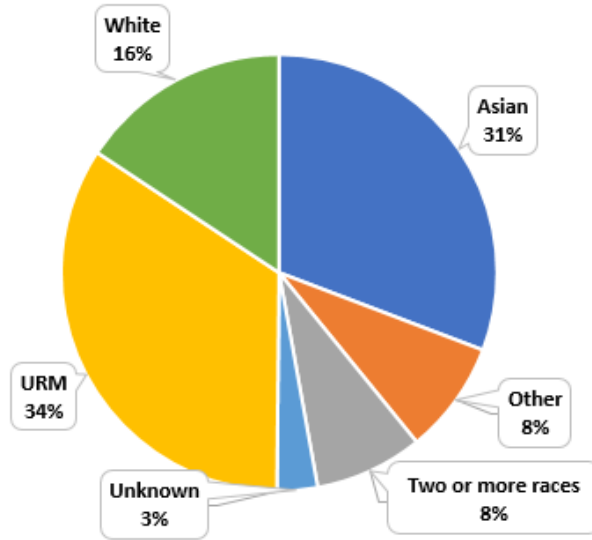
Associate Dean, Pre-Clerkship Medical Education
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Higher Education's Role in Economic Mobility
October 22, 2020

Increasing the Diversity of the Medical Workforce

Medical Students by Race/Ethnicity and Gender

Total Students: 299



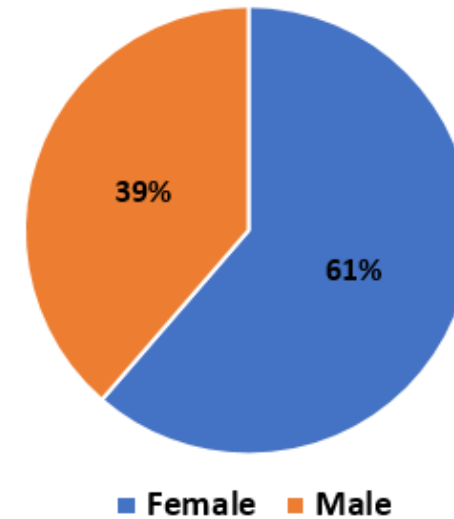
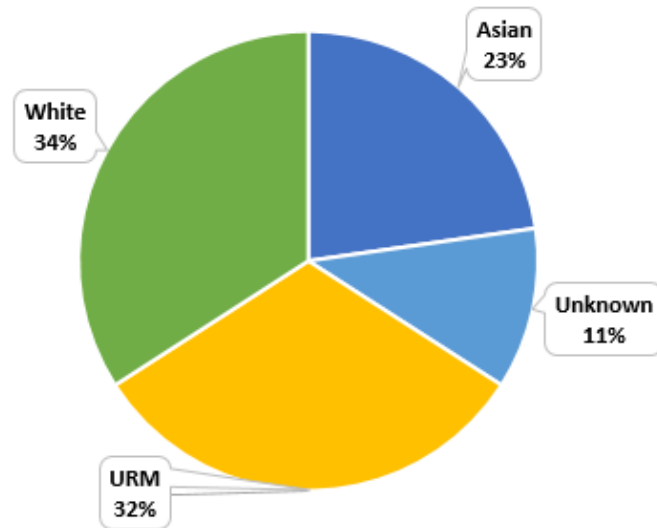
URM Breakdown as % of Total		
Black/AA	Latinx/Hispanic	Native American, Hawaiian or other Pacific Islander
7%	26%	Less than 1%

- The mission of the UCR School of Medicine is to improve the health of the people of California and, especially, to serve Inland Southern California by training a diverse workforce of physicians and by developing innovative research and health care delivery programs that will improve the health of the medically underserved in the region and become models to be emulated throughout the state and nation.
- **UCR has graduated 198 medical students-156 have remained in California and 59 have remained in the Inland Empire.**

Increasing the Diversity of the Biomedical Scientific Workforce

Biomedical Science Students by Race/Ethnicity and Gender

Ph.D. Students: 35 Master's Students: 9



URM Breakdown as % of Total		
Black/AA	Latinx/Hispanic	Native American, Hawaiian or other Pacific Islander
7%	23%	2%

Source: Biomedical Sciences Graduate Program
Data as of Sept. 2020

Increasing the Diversity of the Science, Technology, Engineering, Math, and Medical (STEMM) Pipeline



- The Riverside Bridges to the Baccalaureate (Riverside B2B) Program was funded in 2017 by a five-year grant from the National Institutes of Health (NIH). Dr. Byron Ford and Chancellor Wolde-Ab Isaac are Principal Investigators.
- B2B is a partnership between the University of California, Riverside (UCR) and Riverside City College (RCC) designed to provide RCC students in underrepresented minority groups with a pathway to research-oriented careers in science, technology, engineering and mathematics (STEM) at UCR.
- The University of California-Historically Black Colleges and Universities (UC-HBCU) Initiative Program seeks to improve diversity and strengthen UC graduate programs by investing in relationships between UC faculty and HBCUs (Morehouse College, Spelman College, the Morehouse School of Medicine, and Fort Valley State University).



Challenges/Barriers to Increasing the Diversity of the STEMM Workforce

- Budget cuts due to COVID-19
- Need for increased local and regional support for diversity programs
- Prioritization of health equity and social justice
- Addressing systemic bias and racism in our institutions