



BE FUTURE  
READY



\$68K

median annual wage\*

2.3M

new jobs by 2025\*

# ACADEMY OF HEALTH SCIENCES

# 2020-2021

## INDUSTRY NEED

Over the last year, as our nation has worked to combat a global pandemic, medical professionals have had to dramatically change how they operate in order to help communities receive critical care. A recent report from Mercer projected that the U.S. will need to hire 2.3 million new health care workers by 2025 in order to adequately take care of its aging population — and that was pre-pandemic. This sobering statistic exposes how big the gap is in what is needed to provide basic health care, let alone crisis health care.

It is imperative that the industry diversify to represent the population. If the number of students who have entry to health careers in high school can increase, there can be more graduates who are part of the solution to the health care system’s most lingering and acute issue: a robust and inclusive pipeline of talent. Cultural diversity in health sciences will ensure that patients’ needs are met and that treatment plans are understood.

## CURRICULUM

The Health Sciences curriculum includes courses on biotechnology, anatomy, physiology, and global health. Academies use curriculum from Project Lead the Way Inc., Paxton-Patterson, HOSA—Future Health Professionals & The National Consortium for Health Science Education. In addition, NAF approves programs of study that align with the National Career Clusters Framework, enabling local school districts to meet the needs of their community, as well as district and state requirements.

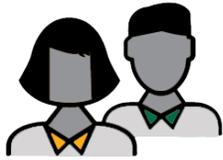
## NAF APPROACH

NAF’s educational design is focused on making connections between the classroom and the workplace by integrating career-focused curricula and projects into the traditional high school experience, coupled with opportunities for real-world application. Through a series of coursework, together with a progressive continuum of activities designed to build awareness, enable exploration, and finally prepare students for future studies and career paths, NAF students gain the skills and knowledge needed to make informed choices and be successful in their future careers.

## PARTNERSHIPS

NAF works with both major corporations and local companies to ensure that the curriculum is current and relevant and to provide practical experience to students through a series of work-based learning activities. These activities enable students to connect directly with professionals in health sciences to learn first-hand about the industry, the skills needed to succeed, the expectations, and more. Business professionals serve as role models and mentors to students, guiding them to grow their business acumen, as well as technical knowledge. Businesses that work with NAF academies play an active and integral role in shaping the future workforce and building a talent pipeline that will one day soon be eligible to fill roles within their companies.

\*Mercer & The Bureau of Labor Statistics



19,363 STUDENTS



86 ACADEMIES

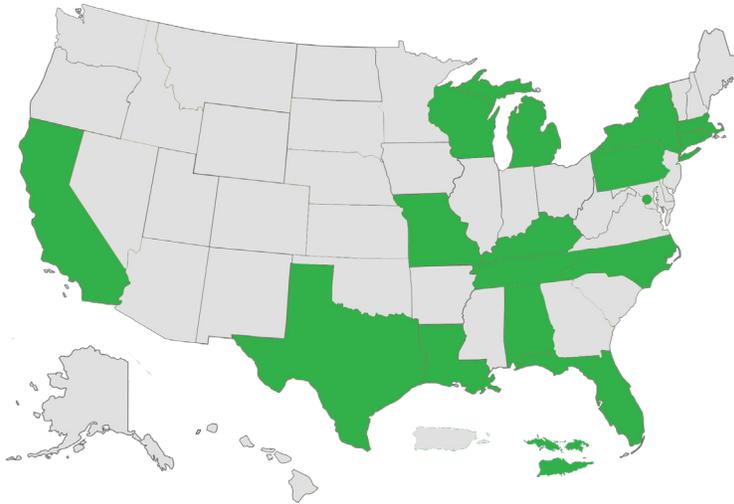
18

STATES

plus DC and the US Virgin Islands

highest concentration of academies

- Florida 21
- California 20
- Texas 8
- North Carolina 7
- Missouri 5



41

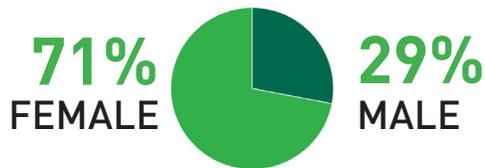
DISTRICTS

highest concentration of academies

- 8 Dallas
- 6 Fresno
- 6 Miami
- 5 Collier
- 4 Milwaukee

805 ADVISORY BOARD MEMBERS

STUDENT POPULATION



1% Gender-Nonconforming or Unknown  
96% of students are females and/or ethnic minorities

- 47% Hispanic/Latino
- 27% Black/African American
- 14% White
- 7% Asian
- 4% Other/Multi-racial
- 1% Pacific Islander
- <1% Native American/Alaska Native
- <1% Unknown

71% Eligible for free/reduced lunch

22% English Language Learners

ACADEMY CAREER THEMES



99% of seniors graduated



89% college-bound graduates



42% seniors who had an internship