



## Quick Facts >>

Over the past 5 years MAHEC has:

- Presented 4,791 Health Careers Education Recruitment and Training Programs – touching 85 counties
- Connected with 46,894 Health Career Recruitment participants in those 85 counties
- Coordinated 10,439 medical student rotations, most of which took place in Health Professional Shortage Areas (HPSAs) and Medically Underserved Communities (MUCs)

This past year alone, MAHEC:

- Touched 7,646 Health Careers Recruitment Prospects, 205 of whom completed 20 or more hours of career preparation
- Supported the community-based clinical training of 487 medical students, 326 of whom completed 120 or more hours of training
- Placed medical students in 491 different clinical training sites located in 69 of Missouri's 115 counties; of these, 357 are located in Medically Underserved Communities (MUCs) or Health Professional Shortage Areas (HPSAs), and 182 in rural areas

To date, at least 1,024 MAHEC participants have gone on to healthcare careers in the state of Missouri, 53% of whom are in primary care.

## Missouri's Healthcare Workforce Crisis >>

Like many states, Missouri continues to face a critical shortage of healthcare providers

- Missouri's health ranking continues to decline – 37th nationally in 2014 to 40th in 2017<sup>1, 2</sup>
- Missouri's rural population is older, poorer, and suffers from higher rates of chronic diseases compared to metropolitan populations<sup>3</sup>
- Of the 101 rural counties in Missouri, 99 are considered Primary Care Health Professional Shortage Areas and 6 counties lack a single primary care physician<sup>2, 4</sup>
- The rural physician shortage crisis is further complicated by an aging physician workforce – rural Missouri primary care physicians are older than their urban counterparts by more than six years<sup>2, 5</sup>
- Only 21.5% of Missouri medical school graduates remain and practice in the state due in large measure to a shortage of available residency slots<sup>2, 6</sup>

## The Missouri Area Health Education Centers Answer >>

- Increasing the number of healthcare providers providing care to underserved populations requires a longitudinal pipeline nurturing students each step of the way
- MAHEC network programming provides the needed pipeline stretching from grades 9-16 through health professions education and into practice, with a focus on rural, underserved, and minority students
- MAHEC brings together the resources of health professions education programs and community-based organizations to recruit, train, and retain healthcare professionals
- Participants in MAHEC programs are returning to Missouri communities to practice – to date, at least 1,024 have gone on to healthcare careers in the state
- MAHEC's partnerships, infrastructure, and outcomes make it essential to increasing and improving Missouri's healthcare workforce

### MAHEC Youth Recruitment Activities

- Inform youth from healthcare underserved communities and populations about opportunities in health careers
- Foster their interest in becoming healthcare providers
- Help prepare them to enter health professions training

### AHEC Scholars Program

- A multi-year educational program designed to prepare interprofessional teams of health professions students to practice in rural and/or underserved urban settings
- Includes, but is not limited to, students in medical, dental, pharmacy, nurse practitioner, nursing, physician assistant, social work, physical therapy, occupational therapy, and public/population health programs
- Focus is on six core topics: interprofessional education, behavioral health integration, social determinants of health, cultural competency, practice transformation, and current and emerging health issues

### MAHEC Clinical Training Activities

- Support the training of medical, nursing, oral health, and other health professions students, and medical residents in healthcare underserved communities
- Facilitate preceptor and underserved training site identification and development
- Provide opportunities for students to learn about and engage in the community

## MAHEC Participants Choose Primary Care and Missouri

Studies show that retention rates are highest for physicians who complete both their medical school education and residency in the same state.<sup>2,7</sup>

Over the past 10 years,

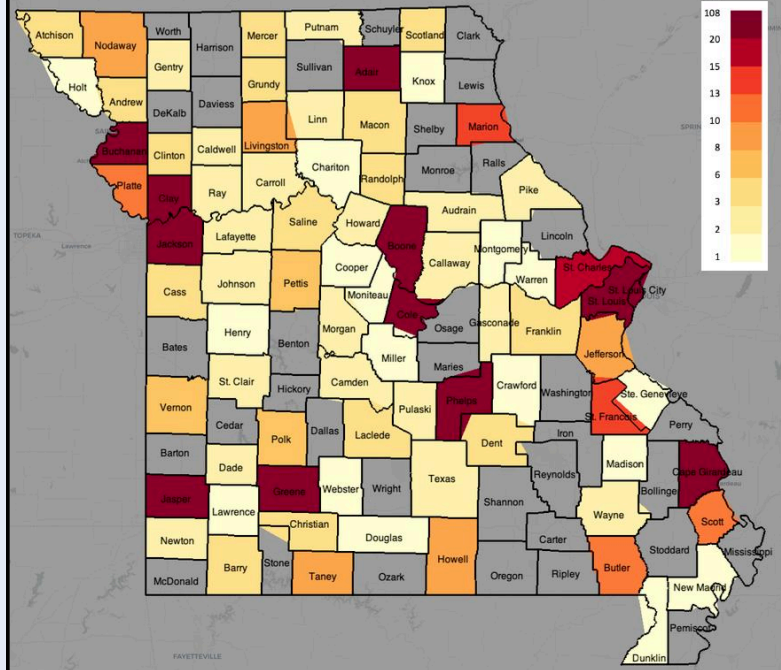
- 1,685 MAHEC participants have matched into primary care residencies
- 632 have completed residencies in Missouri
- 422 have completed primary care residencies in Missouri

This past year alone,

- 201 MAHEC participants began primary care residencies
- 70 began residencies in Missouri
- 54 began primary care residencies in Missouri

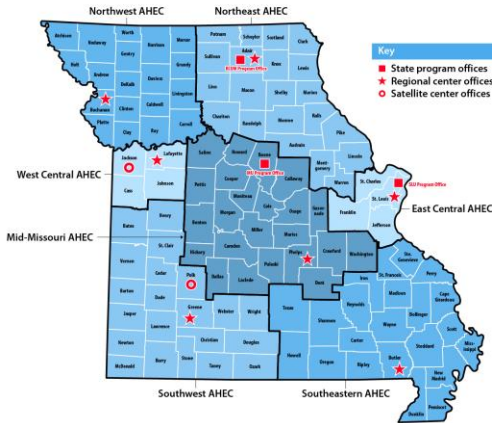
On average, each year approximately 165 MAHEC participants choose to train in primary care residencies.

## Employment Locations of MAHEC's Prior Students



At least 1,024 MAHEC participants have gone on to healthcare careers in 79 of Missouri's 115 counties; 71 of these counties are Primary Care Health Professional Shortage Areas (HPSAs).

## Missouri AHEC Network



### Regional Centers

- East Central Missouri AHEC  
St. Louis, Missouri  
(314) 344-7174
- Mid-Missouri AHEC  
Rolla, Missouri  
(573) 364-4797  
[www.midmoahec.org](http://www.midmoahec.org)
- Northeast Missouri AHEC  
Kirksville, Missouri  
(660) 665-6404  
[www.nemoahec.org](http://www.nemoahec.org)
- Northwest Missouri AHEC  
St. Joseph, Missouri  
(816) 271-7199  
[www.nwmoahec.org](http://www.nwmoahec.org)

### Program Offices

- Southeastern Missouri AHEC  
Poplar Bluff, Missouri  
(573) 785-2444  
[www.semoahec.org](http://www.semoahec.org)
- Southwest Missouri AHEC  
Springfield, Missouri  
(417) 836-6154  
[www.ahec.missouristate.edu](http://www.ahec.missouristate.edu)
- West Central Missouri AHEC  
Lexington, Missouri  
(816) 617-2353  
[www.wcmisouriahec.org](http://www.wcmisouriahec.org)
- A.T. Still University/Kirksville College of Osteopathic Medicine (KCOM AHEC)  
Kirksville, Missouri  
(660) 626-2887  
[www.atsu.edu/ahec](http://www.atsu.edu/ahec)
- University of Missouri School of Medicine (MU AHEC)  
Columbia, Missouri  
(573) 884-7370  
[www.medicine.missouri.edu/education/rural-track-pipeline-program/area-health-education-center](http://www.medicine.missouri.edu/education/rural-track-pipeline-program/area-health-education-center)
- Saint Louis University School of Medicine (SLU AHEC)  
St. Louis, Missouri  
(314) 977-8480  
[www.slu.edu/medicine/family-medicine/community-medicine/area-health-education.php](http://www.slu.edu/medicine/family-medicine/community-medicine/area-health-education.php)

### References

1. *State-Level Projections of Supply and Demand for Primary Care Practitioners: 2013-2025*. US Department of Health and Human Services, November 2016.
2. *Primary Care Physicians: Missouri Workforce Update, Special Report, August 2018*. Missouri Hospital Association, [web.mhanet.com](http://web.mhanet.com), August 2018.
3. *Health in Rural Missouri Biennial Report 2018-2019*. Missouri Department of Health and Senior Services, Office of Rural Health and Primary Care, Jefferson City, MO, 2019.
4. *Rural Health in Missouri - Opportunities for Improvement*. Missouri Health Matters, [missourihealthmatters.com](http://missourihealthmatters.com), 2020.
5. *The State of Primary Care in the United States: A Chartbook of Facts and Statistics*. Robert Graham Center: Policy Studies in Family Medicine and Primary Care, Washington, DC, 2018.
6. *National Resident Matching Program, Results and Data: 2019 Main Residency Match*. National Resident Matching Program, Washington, DC, 2019.
7. *2019 State Physician Workforce Data Book*. Washington, DC: Association of American Medical Colleges, 2019.