

## Quick Facts >>

Over the past 10 years MAHEC has:

- Presented 5,056 Health Careers Education Recruitment and Training Programs – touching 107 counties
- Connected with 90,301 Health Career Recruitment participants in those 107 counties
- Coordinated 4,954 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 13,521 Health Careers Recruitment Prospects, 366 of whom completed 20 or more hours of career preparation
- Supported the community-based clinical training of 1,002 medical students, 388 of whom completed 120 or more hours of training
- Placed medical students in 373 different clinical training sites located in 72 of Missouri's 115 counties; of these, 327 are located in Medically Underserved Communities (MUCs) or Health Professional Shortage Areas (HPSAs), and 236 in rural areas

To date, more than 400 MAHEC participants have gone on to practice healthcare in the state of Missouri, the majority of whom are primary care physicians.

## Missouri's Healthcare Workforce Crisis >>

Like many states, Missouri is facing a critical shortage of healthcare providers

- There are 185 designated primary care Health Professional Shortage Areas in Missouri<sup>1</sup>
- Missouri's rural population is older and poorer compared to metropolitan populations<sup>2</sup>
- While 37% of Missouri's population resides in rural counties, only 18% of the state's primary care physicians practice in these rural communities<sup>3</sup>
- Similarly, other healthcare providers tend not to choose practice in rural or underserved communities
- The rural physician shortage crisis is further complicated by an aging physician workforce<sup>2</sup>
- An increase in the number of physicians practicing in rural and underserved areas is desperately needed to address this shortage

## 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 K-12 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, more than 400 have gone on to such practices
- 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
- \*Unfortunately, lack of state funding impairs MAHEC's ability to maintain, enhance, and expand these programs.**

### 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 Community Support Activities:

- Link graduating and practicing medical professionals with practice sites in underserved communities
- Offer medical library and digital information resource access to professionals in rural and underserved communities to help retain them in these areas
- Increase health literacy, public health awareness, and health promotion

## 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>4</sup>

Over the past 10 years,

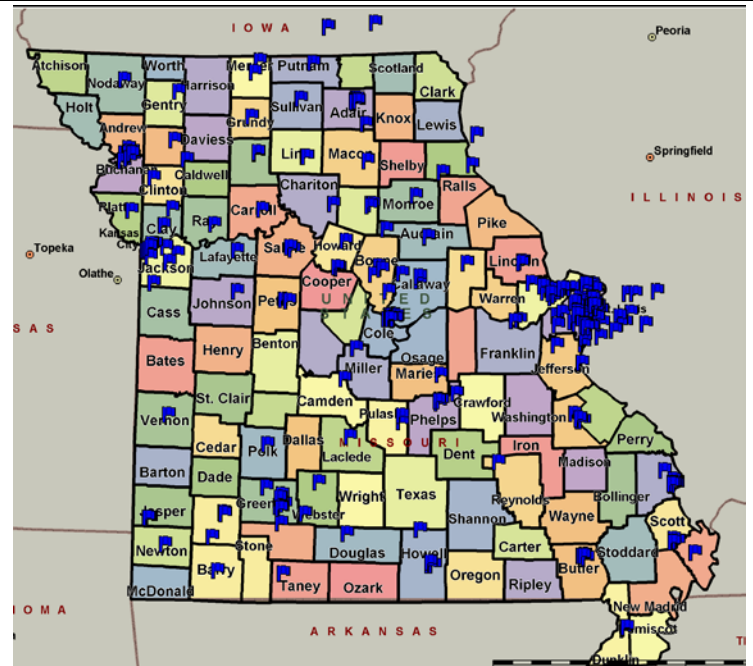
- 1,493 MAHEC participants have matched into primary care residencies
- 685 have completed residencies in Missouri
- 345 have completed primary care residencies in Missouri
- 53% of medical students participating in intensive MAHEC programming at A.T. Still University, University of Missouri-Columbia and Saint Louis University chose primary care residency – nationally only about 40% choose such residencies and 30% practice in primary care<sup>5,6</sup>

This past year alone,

- 65 MAHEC participants began residencies in Missouri
- 36 began primary care residencies in Missouri

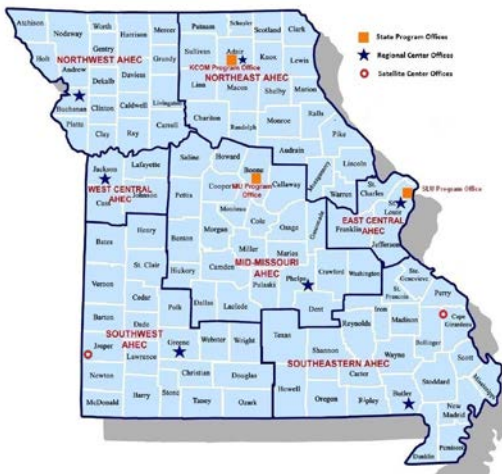
On average, each year approximately 150 MAHEC participants choose to train in primary care residencies.

## MAHEC Affiliated Community Based Training Sites



Over 400 MAHEC participants have gone on to practice in 61 of Missouri's 115 counties, 52 of these counties are designated Health Professional Shortage Areas (HPSAs)

## Missouri Area Health Education Centers



### Regional Centers

- East Central Missouri AHEC  
St. Louis, Missouri  
(314) 772-9979  
[www.ecmoahec.org](http://www.ecmoahec.org)
- 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) 271-7146  
[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  
(660) 259-2440  
[www.wcmoahec.org](http://www.wcmoahec.org)
- A.T. Still University/Kirksville College of Osteopathic Medicine (KCOM AHEC)  
Kirksville, Missouri  
(660) 626-2887  
[www.atsu.edu/kcom/ahec/index.htm](http://www.atsu.edu/kcom/ahec/index.htm)
- University of Missouri School of Medicine (MU AHEC)  
Columbia, Missouri  
(573) 884-7370  
<http://medicine.missouri.edu/ahec/>
- Saint Louis University School of Medicine (SLU AHEC)  
St. Louis, Missouri  
(314) 977-8480  
<http://medschool.slu.edu/comfam/index.php?page=slu-ahec-program>

## References

1. The Henry J. Kaiser Family Foundation. *Missouri: Primary Care Health Professional Shortage Areas (HPSAs)*, 2012. Statehealthfacts.org.
2. Becker, M., Porth L. *Primary Care Physicians: The Status in Rural Missouri*. Jefferson City: Missouri Hospital Association, 2011.
3. Brendel B., Temmen L., Harvey, B. *Missouri Rural Health Biennial Report 2010-2011*. Jefferson City, MO: Office of Primary Care and Rural Health, Center for Equity, Department of Health and Senior Services, 2011.
4. Association of American Medical Colleges, Center for Workforce Studies. *2011 State Physician Workforce Data Book*. Washington, DC: Association of American Medical Colleges, 2011.
5. *National Resident Matching Program, Results and Data: 2012 Main Residency Match*. National Resident Matching Program, Washington, DC, 2012.
6. *Primary Care Workforce Facts and Stats No. 1: The Number of Practicing Primary Care Physicians in the United States*. AHRQ, Rockville, MD, October 2011.