

10,043

participants

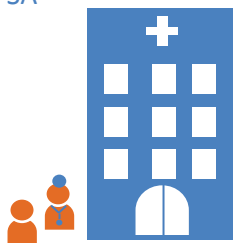
Enhancing access to quality health care, particularly primary and preventive care, by improving the supply and distribution of health care professionals through community/academic educational partnerships.

Retain them we have located former AHEC students now working as licensed health professionals in Indiana.

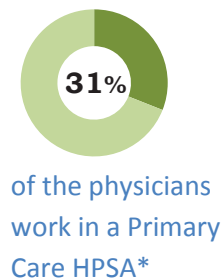
- **48** Advanced Practice Nurses
- **13** Clinical Social Workers
- **158** Dental Hygienists
- **29** Dentists
- **114** Licensed Practical Nurses
- **90** Mental Health Professionals
- **8** Optometrists
- **67** Pharmacists
- **953** Physicians (DO/MD)
- **62** Physician Assistants
- **10** Psychologists
- **2693** Registered Nurses

4,245

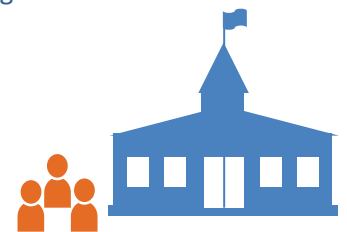
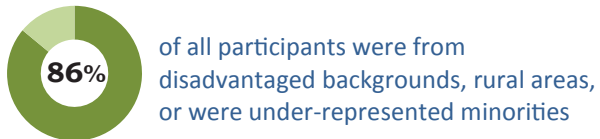
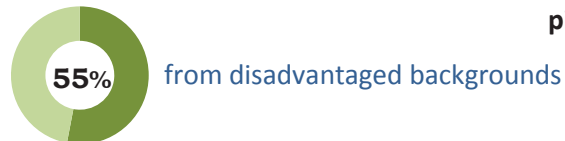
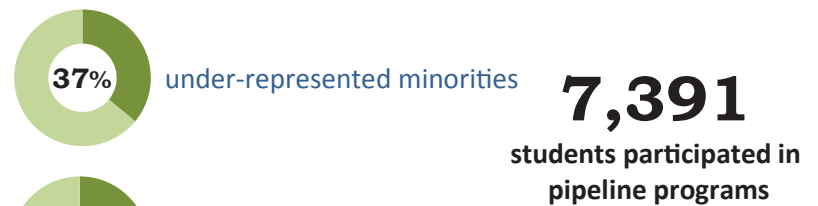
alumni now practicing health professionals



*Health Professional Shortage Area



Pipeline programs expose students to health careers and develop intent to pursue post-secondary education in primary health care professions.



Clinical training improves readiness, willingness, and ability of health professions trainees to serve in primary care, and rural and underserved community settings.

1,034

student rotations facilitated

Of those surveyed:

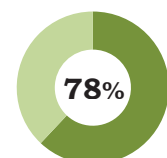
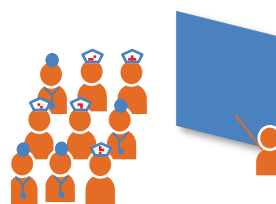
- **58%** reported an intent to serve in **Indiana**
- **30%** reported an intent to serve in a **rural area**
- **54%** reported an intent to serve in **primary care**
- **49%** reported an intent to serve in **underserved communities**

Continuing education programs

address key issues in health professional shortage areas by providing health professionals with access to resources that support practice, reduce professional isolation, disseminate best practices, and improve quality of health care for medically underserved communities and health disparities populations.

1,618

continuing education participants



of participants work in a medically underserved community

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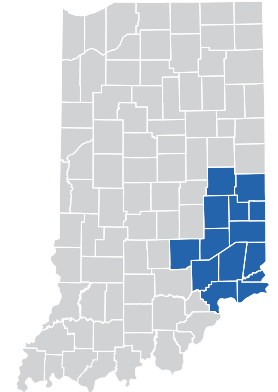
Regional Center Highlights

East Indiana AHEC

Bartholomew, Dearborn, Decatur, Fayette, Franklin, Henry, Jefferson, Jennings, Ohio, Ripley, Rush, Union, Switzerland and Wayne counties

East Indiana AHEC (EI AHEC) engaged over 850 students in our pipeline programs for the 2017-18 year through classroom visits, field trips, and health careers camps. We assisted five high schools in expanding their healthcare job shadowing programs, with students spread throughout four different clinical host sites. Additionally, we sponsored 100 local high school students in attending the Indiana Health Occupations Students of America (HOSA) leadership conference, with 15 continuing on to the National HOSA conference based on their success in state-level competitions.

We provided health professions students with a variety of Interprofessional Education (IPE) learning opportunities. These opportunities ranged from helping CNA students engage with other disciplines during their clinicals, to small-group IPE lunch and learns at a local hospital, to our annual IPE day at Indiana University Purdue University Columbus. Our IPE day was a huge success, with attendance from 80 students, from eight different health professions programs and six different colleges. We also hosted ten Indiana University medical students for their Family Medicine Clerkships and placed them with local physician preceptors across the EI AHEC region.



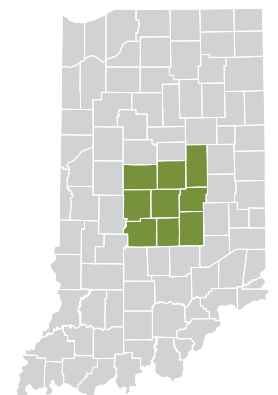
Students listen to a mannequin's respiration during EI AHEC's Careers in Action.

Overall, we served approximately 500 health professions students this program year! Our continuing education support for health professionals focused on mental health and preceptor development for health professionals who precept students and provide patient care. Professionals in our region participated in workshops on trauma-informed care, suicide risk assessment, and opioid addiction. Our partners in the Southeastern Indiana Simulation Consortium worked on initiatives that expanded regional capacity for health professionals and students to use standardized patients to improve their clinical skills. Overall, we assisted more than 275 health professionals in maintaining and upgrading their skills.

Metropolitan Indianapolis/Central Indiana AHEC

Boone, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan and Shelby counties

The Metropolitan Indianapolis Central Indiana AHEC (MICI AHEC) hosted our 2nd Impact of Trauma on Health and Academic Achievement conference with Dr. Vincent Felitti, co-founder of Adverse Childhood Experiences (ACEs) study, as our keynote speaker. This conference provided continuing education credits for physical therapists, occupational therapists, social workers, educators and many more! Additionally, this past year we placed twenty-three Indiana University medical students in our service area to complete their rotations in medically underserved areas. We also formed a stronger partnership with Franciscan Health that allowed our participants to visit their simulation lab for more hands-on activities within our programs.



High school students participate at the MICI AHEC's first PT Camp at UIndy.

The MICI AHEC also provided CPR training to local high school students and over 100 health professions students at the University of Indianapolis (UIndy). We participated in many health fairs across Marion County and conducted a Poverty Simulation with our AHEC participants. We work diligently with our community to help increase the number of skilled health professionals working in rural, urban and underserved communities.

This year we offered our first Physical Therapy Camp! Through our partnership with UIndy, we were able to provide effective programming for the attendees and received great feedback. MICI AHEC continuously strives to work with our community to make strategic partnerships with school systems, health departments, and other not-for-profit agencies in order to push our mission forward of developing a qualified, competitive pipeline for the next generation of health professionals.

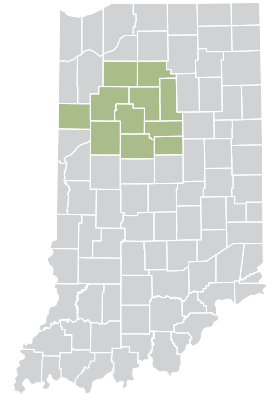
Regional Center Highlights

North Central Indiana AHEC

Benton, Carroll, Cass, Clinton, Fulton, Howard, Miami, Pulaski, Tippecanoe, Tipton and White counties

In 2010 the North Central Indiana AHEC (NCI AHEC) facilitated two family practice clerkships on behalf of Indiana University School of Medicine. In 2017, NCI AHEC recruited 40 family practice clerkship rotations. In addition to our ongoing work with the Family Medicine Clerkship program, we also arranged more than 20 rotations in various specialties for the Marian University College of Osteopathic Medicine. Most of these students experienced rotations in rural communities such as Logansport and Winamac. Marian is so committed to its partnership with NCI AHEC, the University leases an apartment in Logansport for student housing that they allow our AHEC to use.

NCI AHEC continued to provide continuing education support in the field of mental and behavioral health. New to our programming this year was Diabetes and Psychosocial Issues. This program enabled participants to understand psychosocial factors that affect diabetes self-care management and how to utilize techniques to improve connections and outcomes for persons with diabetes.



Students in the NCI EMS Discovery Camp learn how to deal with trauma patients.

For our pipeline programming, we continued to partner with high schools to provide programs emphasizing career readiness and planning. We hosted nine summer events, including our first overnight camp with the IUPUI School of Kinesiology. Not only was this NCI AHEC's first overnight camp, this was the first in the history of the Indiana AHEC!

Recruitment for health professions students to participate in our new AHEC Scholars Community Healthcare Fellowship Program is underway. We identified contacts and reached out to schools using our current partnerships. We are excited that our first cohort of students is gearing-up to start September 2018!

Northeast Indiana AHEC

Adams, Allen, Blackford, DeKalb, Delaware, Elkhart, Grant, Huntington, Jay, Kosciusko, LaGrange, Noble, Randolph, Steuben, Wabash, Wells and Whitley counties

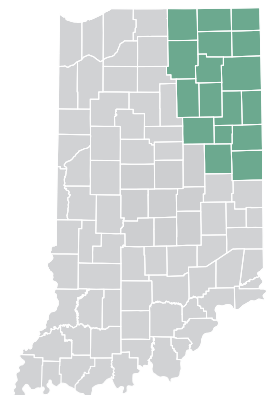
Northeast Indiana AHEC's high school programming identifies students from rural and underserved populations throughout the region and helps to build an interest in health and medical sciences, as well as an understanding of health career opportunities at all levels of the educational pipeline. We



Students learn about forensic science and health.

continue to develop and offer Club MEDIC (Medical Education and Discovery: Inspiring Careers) programming, which exposes high school students to health careers through both didactic and hands-on activities. This academic enrichment program was implemented in 2016 at four high schools in rural, medically underserved counties.

We added six Indiana University School of Medicine preceptors across three counties to provide community based education and clinical training programs for students in higher will launch education. This fall, we the AHEC Scholars: A Community Healthcare Fellowship, which aims to prepare students to enter the healthcare workforce by teaching them the necessary soft skills that are needed to be a well-rounded healthcare provider. We will work with 15-25 college health professions students each year and expose them to both didactic and hands-on community experiences during this two year fellowship.

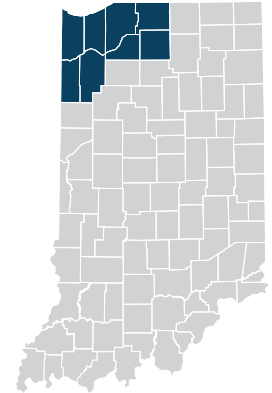


Regional Center Highlights

Northwest Indiana AHEC

Jasper, Lake, LaPorte, Marshall, Newton, Porter, St. Joseph and Starke counties

Northwest Indiana AHEC (NWI AHEC) proudly supports the travel of local high school students, at both the state and international levels, to compete in Health Occupations Students of America (HOSA) competitions. Competitions help to develop leadership skills and technical competencies through a program of motivation, awareness, and recognition. During the 2017-2018 school year, the Hammond Area Career Center (HACC) was awarded nine state titles and 11 students represented HACC at the HOSA International Leadership Conference. LaPorte County Career and Technical Institute HOSA (LPCTE) was awarded seven state titles and six students represented LPCTE at the HOSA International Leadership Conference. New Prairie High School HOSA earned 16 state titles, numerous scholarships, and 22 students were chosen to attend the HOSA International Leadership Conference. Two of the students were awarded international titles!



Program participants learn about healthy and unhealthy lungs.

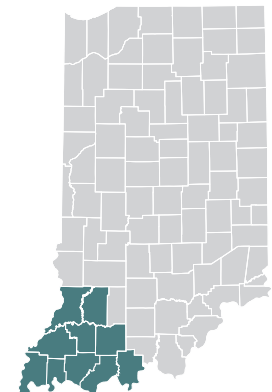
NWI AHEC also sponsors Project Lead the Way (PLTW) at Westville High School. This is a small rural school where the entire school corporation, K-12, is housed within one building. PLTW is a project-based class that applies STEM concepts to real-world medical problems. All the labs, projects, and experiences in the classroom can be applied in the real-world setting. High school students can enroll in these classes starting in their freshman year through senior year. Not only has this been a huge success for the school, other schools are now asking if they can send students from their vocational classes to participate.

NWI AHEC also sponsored a class for emergency medical technician (EMT) training, which targeted returning veterans offering them a 50% discount off their tuition for the class. There was such a local need to employ EMTs that all attending this class had guaranteed job offers! NWI AHEC also partners throughout the year to do many continuing education events. We do an annual Child Abuse Conference for nurses, lunch & learns for social workers, and one large annual conference that focuses on a current issue in our region. This year our focus was on the Opioid Crisis – and we reached over 95 participants with that conference!

Southwest Indiana AHEC

Daviess, Dubois, Gibson, Knox, Perry, Pike, Posey, Spencer, Vanderburgh and Warrick counties

Responding to the needs of regional communities, Southwest Indiana AHEC (SWI AHEC) worked with partners to provide innovative, quality programs across all three goal areas. A new initiative provided high school health science education students from five counties with Youth Mental Health First Aid training to equip future health professionals with the skills needed to recognize and assist peers or patients confronting a mental health crisis. Additionally, rural high school students dissected pig hearts with a retired cardiothoracic surgeon and learned about the latest genetics research from a university professor.



Health science education students from Twin Rivers Career & Technical Education Center completed Youth Mental Health First Aid trainings.

Clinical experiences for health professions students in rural communities continued to expand with masters in social work students completing mental health field experiences and physician assistant students working with preceptors to experience comprehensive family medicine. Interprofessional education was highlighted as SWI AHEC worked with faculty from the University of Southern Indiana to coordinate the Collaborative Workshop on Veterans' Health, which provides interdisciplinary teams of health professions students with an opportunity to interact with a veteran and design a care plan to present to a panel of experts.

Continuing education activities targeted critical needs identified across the region. Twenty-nine nurses were trained in a 40-hour Adult Adolescent Sexual Assault Nurse Examiner (SANE) course providing them with foundational knowledge to pursue clinical competency in the care of victims. SWI AHEC partnered with WCI AHEC and area agencies to offer the Opiate Awareness Symposium in Evansville, which was attended by over 100 community members and health professionals.

Regional Center Highlights

South Central Indiana AHEC

Brown, Clark, Crawford, Floyd, Harrison, Jackson, Lawrence, Martin, Monroe, Orange, Scott and Washington counties

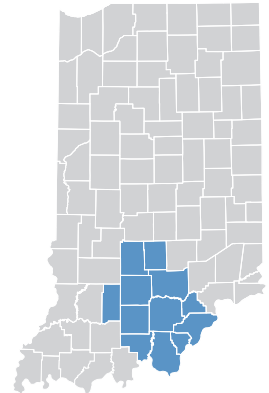
At the beginning of 2018, the South Central Indiana AHEC (SCI AHEC) collaborated with the Bedford Public Library to learn more about virtual reality and how it could be used with students perusing a career in health care. Virtual reality is a computer generated, three-dimensional environment that enhances users' processing senses to completely immerse and engage them in the experience. New applications are being developed daily so that a wider range of organizations can implement virtual reality into their training. Some examples include virtual surgical procedures, body systems overview, communication training, and more!



SCI AHEC program coordinator, Alexandra Muhlbach, uses virtual reality at the Jackson County Career Exploration Day with over 1,000 students to enhance their knowledge of potential careers in the health care field.

SCI AHEC has used virtual reality for presentations to engage high school students in unique ways. At the Jackson County Career Exploration Day, our program coordinators used the virtual reality application to allow students to explore various body systems, organs, diseases, and health conditions to increase their interest in the health care field.

Additionally, we have continued to partner with the Lawrence County College Success Coalition to improve opportunities for high school students in South Central Indiana to explore different health career programs at local colleges and universities. This partnership has allowed Mitchell and North Lawrence Community Schools to visit Ivy Tech Bloomington, Indiana University Southeast, Indiana University Bloomington and Vincennes University.



West Central Indiana AHEC

Clay, Fountain, Greene, Montgomery, Owen, Parke, Putnam, Sullivan, Vermillion, Vigo and Warren counties

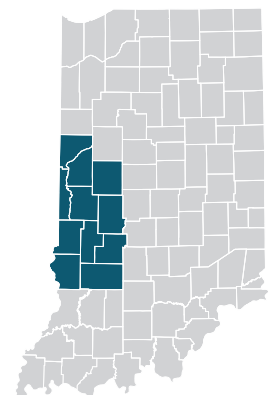
During the 2017-2018 project period, the West Central Indiana AHEC's (WCI AHEC) partnerships with local Career & Technical Education (CTE) Health Sciences programs expanded from annual field trips and presentations to a full-day mock Health Occupations Students of America (HOSA) event hosted by the local Ivy Tech. The program helped prepare participating high school students for the annual statewide HOSA competition. Three CTEs attended, resulting in over 60 students competing in a variety of health-related events.



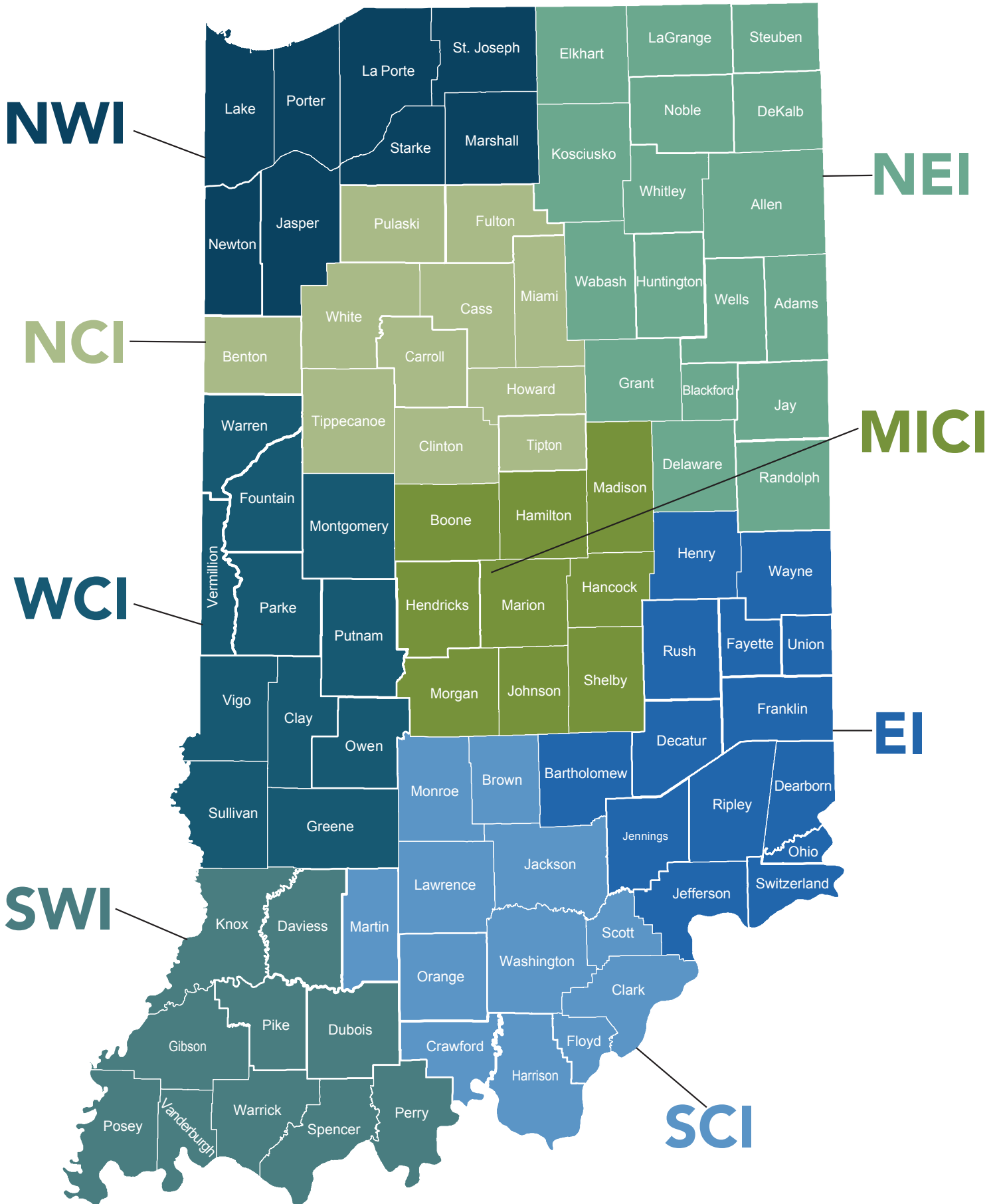
GCCH Training: Health professionals from Greene County General Hospital participate in a training offered through a WCI AHEC grant.

WCI AHEC also concluded a two year grant project through the State Office of Rural Health. As part of this project, we identified rural clinical training sites that included a focus on mental health and substance abuse treatment and placed six undergraduate-level social work students at these sites for their required clinical rotations. At least one of these placements resulted in the student being hired on full-time following her graduation.

In addition to other professional education offerings, WCI AHEC continued its long-standing partnership with the Rural Health Innovation Collaborative (RHIC) Simulation Center and combined efforts to enhance patient outcomes at the regional Critical Access Hospitals (CAH). In October 2017, the RHIC and WCI AHEC announced a grant opportunity to local CAH officials that provided free on-site staff training sessions on topics of their choice. Since then, seven training sessions have been provided at four different CAH facilities with over 180 health professionals trained. The RHIC Simulation Center utilizes standardized patients and high fidelity mannequins to create realistic and, in some cases, surprise training scenarios. Training topics have included trauma, labor & delivery, neonatal emergencies, cardiac arrest, sepsis, paramedic refresher and opioid awareness.



Indiana AHEC Network



Indiana AHEC Network

Are you a health professions student in the last two years of your program? Want an experience that will put you a step-ahead of your classmates?



Apply for the AHEC Scholars: A Community Healthcare Fellowship program!

Eligibility: Must be in the final two years of a health professions program (two year degree programs and certificate programs are eligible to apply).

Location: Varies based upon AHEC region selected. Some regions fill fast, so apply early!

Program Duration: 2 year time commitment, approximately 80 hours of effort

- 40 hours will be spent on online learning modules
- 40 hours will be spent participating in shadowing, career advancement and research opportunities

Fellowship Start Date: September 09, 2019

Priority Application Deadline: June 30, 2019

Regular Application Deadline: July 31, 2019

Want more info?

ahec@iupui.edu | 317-278-0310 | ahec.medicine.iu.edu

Application URL: <https://indianaahec.tfaforms.net/4628970>



THANK YOU!

The Indiana AHEC Network would like to thank the following individuals who helped create the content for the AHEC Scholar's Fellowship didactic units. Without the help of these individuals, the fellowship would not be what it is today.

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