

# East Indiana Area Health Education Center

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## El-AHEC Partners Benefit from Grants in Winter 18-19



Several grant-funded activities are underway in communities across our service region this winter as part of the East Indiana AHEC 2018-2019 program year.

At left, high school seniors in the New Castle Career Center Health Science program practice safely moving patients using their new Hill-Rom hospital bed. These students will graduate with their Indiana CNA license and the new hospital bed allows them to practice many skills on the CNA exam with the most up-to-date technology. New Castle Career Center instructors bundled an EI-AHEC mini-grant with donations from community funding partners to make this purchase.

At right, a group of participants take part in a 32-hour Peer Recovery Coach training course in Connersville, IN. Fayette Regional Health's Northstar Recovery program in Connersville is an EI-AHEC partner for one of our HRSA supplemental funding awards to support addictions workforce projects. This group of 16 learners is on their way to full certification as Peer Addiction Recovery Coaches.

## East Indiana AHEC Student Spotlight

### Makayla Schubert

Makayla is a 2014 graduate of Perry Meridian High School and current senior in the BSN program at Indiana-University Purdue-University Columbus (IUPUC). While at IUPUC she became a student ambassador her freshman year which began a domino effect in her involvement at IUPUC. She also served as an orientation leader and worked for the division of Nursing, then applied and was accepted into the nursing program her sophomore year. She heard about the standardized patient/participant (SP) position through IUPUC's Simulation Center which is led by Shannon Love, MSN, RN, CMSRN, CHSE and Carrie Shaver, MA. The IUPUC Simulation Center is one of only 100 labs in the world to be fully accredited by the Society for Simulation in Healthcare.



Makayla was interested in becoming an SP because she thought it would be a unique learning opportunity and a fun way to be more involved. She thought it would be beneficial to her education as a nurse to see the patient side of healthcare since she did not have that personal experience - and her expectations have been met. When asked what she has learned or experienced in the role of an SP that she can apply as a healthcare student her response was, "I have learned so much from being a standardized patient. It has truly opened my eyes to hospitalization from a patient's point-of-view. As a nursing student, being an SP has molded me to become a better clinical student in the hospital. I have learned that confidence is key and keeping the patient in the loop during their hospital stay is extremely important. I also try to involve the family as much as possible."

**If you would like to learn more about the SP program throughout our East Indiana region check out this Standardized Participant Information Sheet <https://goo.gl/forms/OUBg8vj8UDkfuqtu2>**

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For another perspective on serving as an SP while in nursing school, check out the NLN TEQ blog's three part series - "From Nursing Student to Patient and Back Again"

<https://wp.me/p7HoJa-l7>

<https://wp.me/p7HoJa-m1>

<https://wp.me/p7HoJa-qw>

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# Improving the Quality of Health Professional Staff Development

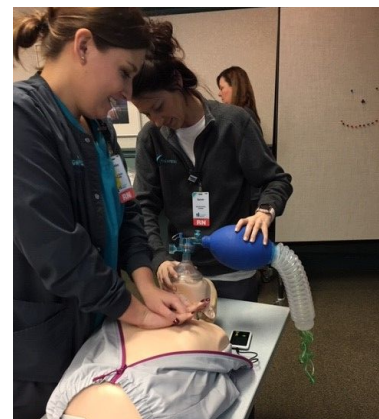
By: Tina Butt MSN, RN Manager of Education and Occupational Health at Highpoint Health

Highpoint Health values the importance of quality patient care and the results achieved when the hospital system and community work together. With this initiative in mind, we sought to purchase additional CPR feedback manikins to achieve our goal of improved CPR quality within all CPR programs, as well as, Advanced Cardiac Life Support and Pediatric Advanced Life Support courses. These interprofessional programs incorporate many disciplines: nurses, physicians, respiratory therapists, pharmacists, physical therapists, emergency medical technicians, paramedics, medical assistants, and many others who work or are students in healthcare fields. Outcomes for participants that are measurable include: improved quality of CPR performed during CPR courses and increased student confidence in accurately performing skills. A non-measurable outcome is the quality of CPR performed on victims of cardiac arrest.

An EI-AHEC Mini-grant allowed us to purchase of 4 new adult QCPR manikins, 4 adult QCPR update kits, 2 QCPR infant manikins and the 11 skill guides needed to provide the feedback information. The equipment arrived in late December and has been used in CPR classes, ACLS Instructor Course, BLS Instructor Renewal Course, and a PALS course thus far.

Participants have commented they didn't realize the amount of force needed to achieve the depth required to perform quality compressions. The recommended 2 inches compression depth is difficult to measure and is subjective, with feedback manikins students get to see their results and build the memory of what quality compressions feels like. Participants have also commented the compression rate feedback is helpful as well.

Moving forward, we will incorporate the new manikins into an emergency medical technician course to start in the spring. We are very excited and grateful to be able to provide this feedback to all who we encounter in our programs, mock codes, and community events.



## El-AHEC Supports Clinical Students In New Ways

While we have a long history of working with nursing students in our region as well as IU Medical Students, this fall East Indiana AHEC worked at building relationships with additional academic programs and supporting their students in clinical learning environments.

Visits with Marian University School of Osteopathic Medicine 3rd-year DO students completing outpatient pediatrics rotations at multiple sites in the region have allowed us to develop a short learning guide which we now share with any Marian student about to start a pediatrics rotation in Rushville, New Castle, or North Vernon. This guide helps students be more prepared to learn about the variety of family and caregiver arrangements, including foster families, that they might encounter in a general pediatrics outpatient clinic in our region.

We've also partnered with our neighbors at South Central Indiana AHEC to share the cost of travel support for IUPUC Masters in Mental Health Counseling students seeking to learn about addictions treatment in rural settings by making a weekly 80-mile round trip from Columbus to an addictions treatment site in Scott County, IN. Counseling student John Richardson says "So far the internship has been going great down here! They have already been giving me a number of clients with a range of issues and demographics. I have been teaching an Intensive Outpatient (IOP) addiction recovery group once a week."

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## High School Scholarship Reminders

It's the time of year for Graduating High School Seniors to be thinking about available scholarships. There are MANY health care specific scholarships for area students. Below are just a few that are available now or will be available soon:

- *Ripley County Community Foundation Scholarships - (Due March 1)* - J. Michael Hansen Memorial, Nixie, B Koelling Memorial STEM, Karen & Heather Cain Memorial STEM, James & Ruth Wagner Memorial
- *Franklin County Community Foundation Scholarships - (Due March 1)*
- *Heritage Fund (Bartholomew County)* - Karen Ann Coffman Nursing, Columbus Rotary, Charles & Frances Condit Nursing Education
- *Batesville Community Education Foundation* - Hillenbrand & Batesville Casket Scholarship for STEM careers
- *Decatur County Memorial Hospital* - <https://www.dcmh.net/about/dcmh-scholarship/>
- *High Point Health* - <https://www.myhph.org/foundation/scholarships/>
- *Margaret Mary Health* - application available soon, check <https://www.mmhealth.org/>

\*Your county's Community Foundation website is a great place to start for local scholarship information!\*

\*Be sure to check criteria before applying. Some scholarships are school/county specific\*

## High School Student Programs Benefit from Ivy Tech Support

Thanks to the Lawrenceburg Ivy Tech Nursing Program, EI-AHEC received three surplus low-fidelity manikins to share with schools who could benefit from them. We are happy to have found homes for these in Project Lead the Way classrooms at South Ripley High School, Rising Sun High School, and South Decatur High School. Here is a glimpse at what some of the schools plan to do with these manikins or have already used them for:

- **Rising Sun** – Carrie Bilodeau, PLTW teacher, had her students examine their manikin’s eyes while they were doing a unit on vision. The manikin had one dilated and one constricted eye, and the students had to come up with a probable cause for each.
- **South Decatur** – Brandy Stand, PLTW and Health Careers / CNA teacher, had her CNA students use the manikin as a practice patient for learning CNA skills. Coming up, her health careers class students will be using the manikin for demonstrations with first aid, wound care and other activities that utilize various manikin features.

In addition, PLTW students used the manikin for their entry in the Samsung Challenge STEM Problem-Solving Contest. Their idea was to use the manikin to determine vaping chemical dispersal patterns and look at whether UV lights could be used as a non-invasive, non-chemical way to detect vaping usage in schools. While they were not state finalists, they plan to continue on with the project later in the year with the manikin will be their patient. The chest is hollowed out, so Brandy and her students intend to develop something to allow the manikin to inhale and exhale e-cigarette fumes so they can see how those spread out on the skin and clothing of users.



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**Do you have a student learning opportunity or staff development project in collaboration with East Indiana AHEC that you'd like us to highlight in a future newsletter? We'd love to hear from you! Send article ideas or photos to [info@eiahec.org](mailto:info@eiahec.org)!**