



Michigan Area Health Education Center

FACES OF MI-AHEC: A COMMUNITY REPORT

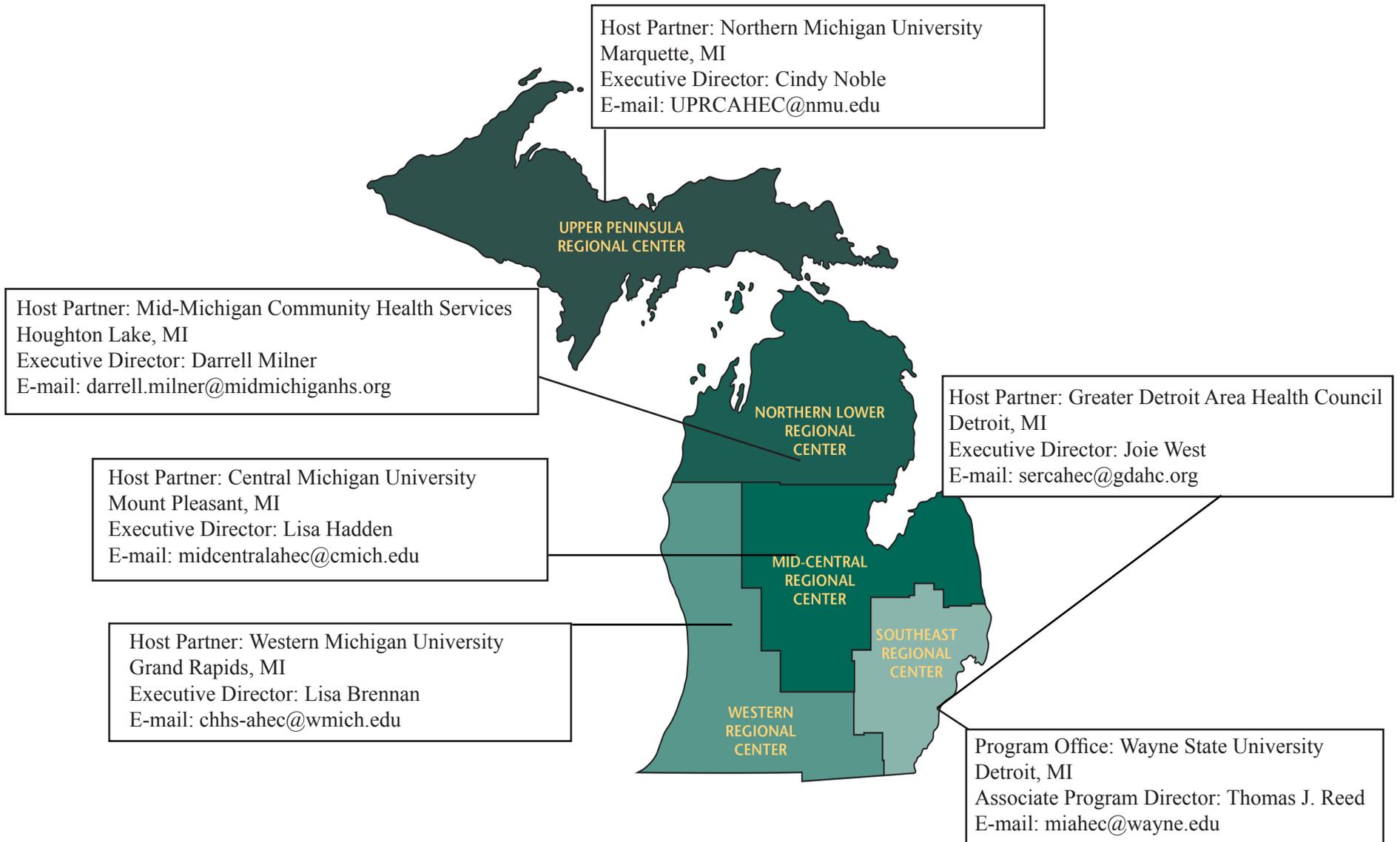
MICHIGAN AREA HEALTH
EDUCATION CENTER

A program of Wayne State University



Connecting students to Careers, Professionals to Communities and Communities to Better Health

MI-AHEC



miahec.wayne.edu

Message from the MI-AHEC Co-Principal Investigator

Michigan Area Health Education Center (MI-AHEC) was established in 2010 by Wayne State University and was funded through a grant from the U.S. Health Resources and Services Administration (HRSA). The mission of MI-AHEC is to help address the workforce shortage of health care professionals in Michigan. MI-AHEC works towards this mission via: 1) pipeline programming to support students' interest and preparation for health professional careers, particularly students from under represented and disadvantaged backgrounds; 2) support of community based training efforts; and 3) targeted efforts to recruit and retain health professionals in Michigan especially in medically underserved communities.

Thanks to the efforts of MI-AHEC and its host partners, we can report many accomplishments across the state, such as the establishment of five regional centers in Detroit, Mount Pleasant, Grand Rapids, Marquette and Houghton Lake. Other accomplishments include:

- developing and installing a state wide program database called the AHEC Data Management System, or “ADMS,” a web based software system that utilizes customized program modules unique to AHEC;
- creating programming to expose thousands of teens and young adults to health care careers through enrichment, outreach and informational activities;
- helping over 100 health care professional students perform more than 200 primary care clinical rotations in underserved communities resulting in more than 20,000 training hours;
- offering continuing educational programs to help meet the needs of practicing clinicians in underserved areas throughout the state of Michigan; and
- building and sustaining an alliance of 5 host partners and 5 program partners including: Wayne State University's College of Nursing, School of Medicine, School of Social Work, College of Pharmacy and Health Sciences, the University of Detroit Mercy School of Dentistry, Central Michigan University's School of Medicine and College of Health Professions, Western Michigan University's School of Medicine and School of Interdisciplinary Health Programs, Northern Michigan University's College of Health Sciences and Professional Studies, Greater Detroit Area Health Council and Mid-Michigan Community Health Services.

We are excited about the future of MI-AHEC and you will see in this report that we have created a solid foundation on which to build and grow. I look forward to bringing you more updates about MI-AHEC's progress in the years to come.

Sincerely,



Associate Dean for Academic and Clinical Affairs of the
Wayne State University College of Nursing and Co-Principal
Investigator of the MI-AHEC program



Ramona Benkert
PhD, ANP-BC, FAANP

Our Deepest Appreciation and Sincere Thanks

MI-AHEC honors Valerie Parisi, MD, MPH, MBA for her many contributions as co-principal investigator of MI-AHEC from 2010 to 2015. Thanks to her dedicated efforts, MI-AHEC has a strong foundation to build upon and a promising future ahead.



Message from the MI-AHEC Program Directors



Wanda Gibson Scipio
PhD, APRN, BC



Dennis Tsilimingras
MD, MPH

Greetings,

We are pleased to present you with the Michigan Area Health Education Center's (MI-AHEC) first community report. We are completing our 4th year of service in the state of Michigan to improve quality health care access across the state and our first year in receiving unprecedented funding support from the U.S. Health Resources and Services Administration for a state wide network of five regional centers. To say that Michigan's health professional shortages can be resolved by any one entity is an understatement. The goal is to improve access to quality health care throughout the state. According to the federal and state government, 79 of Michigan's 83 counties have at least partial designation as primary care health professional shortage areas, 76 have a shortage of dental professionals and 45 are designated as mental health care professional shortage areas. MI-AHEC strives to address these shortages by working with schools, community organizations, government agencies and health providers to prepare underrepresented and disadvantaged youth for health care careers, promote clinical training opportunities for health professions students in shortage areas and provide professional development programs for health professionals.

This report will provide you with a glimpse of MI-AHEC at work. We are grateful for our team and would like to acknowledge that we could not move forward without the contributions and hard work of our program office, our regional centers and our community advisory boards. Collectively our team has made it possible to establish a state wide coordinated effort to improve the health care delivery to medically underserved communities by supporting the exposure, training and recruitment of qualified students from disadvantaged backgrounds. We hope you will share our excitement as you read through the report. Most importantly, we hope that you will be inspired to join us as we strive to improve access to quality health services across the state of Michigan.

Creating a Better State of Health: How MI-AHEC Serves the State of Michigan

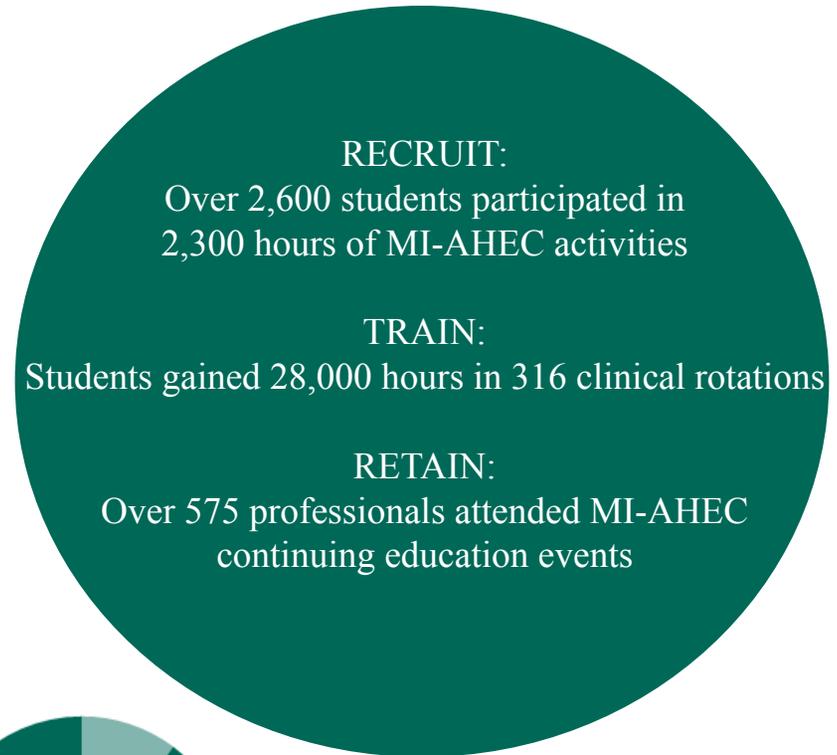
Mission

The MI-AHEC mission is to enhance access to quality health care, particularly primary and preventive care, by improving the supply and distribution of healthcare professionals through community/academic educational partnerships.

Goals

MI-AHEC has far-reaching implications for quality health care in Michigan. With a network of regional centers, it will help ensure a well-trained health professions workforce and improved access to high quality primary care for all Michigan residents, including its most vulnerable populations. Programs and activities are focused on three main areas:

- 1. Pipeline Programs:** Educating high school students about career opportunities in health care and exposing them to resources that allow them to explore different professions.
- 2. Clinical Placements:** Support of clinical placement experiences for students in underserved communities across the state.
- 3. Continuing Education:** Ensuring health care professionals who work with medically underserved populations in health professional shortage areas have access to programs and resources that enhance the knowledge, skills, and abilities they need to meet the needs of the communities they serve.



Ninety percent of all MI-AHEC activity takes place in a medically underserved community.



Forty Statewide organizations collaborated with MI-AHEC to provide continuing education programs for health professionals.



Connecting Students to Careers

One of MI-AHEC's primary goals is to introduce underrepresented and disadvantaged youth to a wide variety of healthcare careers and give them the tools to be successful in their chosen health profession. We do this by developing hands-on programs, coordinating shadowing opportunities, and offering students opportunities to participate in college tours, healthcare career days and summer enrichment programs.

Biomedical Career Advancement Program

The Biomedical Career Advancement Program is designed to provide aspiring high school seniors a unique opportunity to engage with scientists that are executing ground-breaking research; develop valuable technical skills; participate in seminars, scientific meetings and discussion groups and build professional networks with peers and faculty. Students selected into the program are matched with a mentor at Wayne State University School of Medicine and assigned independent research projects.



College and Career Ready Pipeline Program

The College and Career Ready (C2) Pipeline—an ongoing established collaboration between MI-AHEC; Wayne State University's College of Nursing, College of Pharmacy and Health Sciences, School of Medicine, College of Engineering and School of Social Work; and University of Detroit Mercy School of Dentistry—promotes and prepares students for college and health careers. Begun in 2012, the five-year initiative gives 250 at-risk students from five public high schools a chance to participate in the 38-week program, which incorporates science, technology, engineering and math in a hands-on learning environment. Students engage in academic enrichment activities and explore health professions through discussions with industry professionals, field trips and community service projects.

Pre-Medical Scholars Program

The Pre-Medical Scholars Program provides a learning opportunity to high school students who are interested in pursuing a healthcare career as a primary care physician. During the program, selected students work in various hospitals or healthcare centers. Students attend weekly seminars focused on helping them explore various physician specialty areas, examine trends and issues in health care, learn and practice professional behavior standards and interact with successful professionals who serve as role models. Students also learn about admission requirements and the unique challenges of college and medical school and receive a stipend.

Dental Careers Programming

Undergraduate students gain a competitive edge for entry to dental school through the Dental Summer Enrichment Program at the University of Detroit Mercy. Students practice test taking strategies and participate in clinical and educational activities. The program has proven to be successful at giving participants an understanding of how oral health research is conducted, increasing students' shadowing experiences and exposure to handling dental materials and helping students assess their preparedness for the dental school application process.

The Dental Imprint Program has made a positive impression on students from 11 Detroit schools (8th–12th grade). More than 180 students attended career presentations, observed procedures and toured the campus and facilities at the University of Detroit Mercy School of Dentistry to learn more about dental careers.



Connecting Professionals to Communities

Another primary goal of MI-AHEC is to provide community-based student education for health professionals in order to enhance and improve primary health care resources in communities around Michigan.

MI-AHEC Veteran's Mental Health Project

The Southeast, Mid-Central, Upper Peninsula, and Western Regional Centers of MI-AHEC, Wayne State University's College of Nursing, School of Medicine and School of Social Work and the National AHEC Organization, in partnership with the John D. Dingell VA Medical Center, joined forces to help health care professionals address health issues that affect returning service members and their families. "Returning Veterans," a free live conference and simulcast for health providers, took place in April 2014. The program was open to physicians, physician assistants, nurse practitioners, registered nurses, certified medical assistants, social workers, and other behavioral/mental health providers, as well as others involved in the care of patients who

have served in the military and their families. Continuing education credit was provided to physicians, registered nurses, social workers, and therapists. Speakers addressed topics related to improving care for veterans, including understanding military culture, increasing awareness of behavioral health issues such as Post-Traumatic Stress Disorder (PTSD), Military Sexual Trauma (MST), depression/suicide, recognizing symptoms of Traumatic Brain Injury (TBI) and making referrals to the Veterans Administration.



NHSC Corps Community Day

In the Fall of 2014, MI-AHEC joined forces with the Michigan Department of Community Health, the Michigan Center for Rural Health, and the Wayne State University College of Nursing to host a videoconference for National Health Services Corps (NHSC) Community Day. Medical, nursing, dental and other health services students from the WSU College of Nursing, School of Medicine, School of Social Work and the Eugene Applebaum College of Pharmacy and Health Sciences, the University of Detroit Mercy College of Nursing and School of Dentistry, Central Michigan University, Western Michigan University, Northern Michigan University and Grand Valley State University learned how to make a difference while making a living. Keynote speaker and NHSC Ambassador Steve Shotwell of the Michigan Center for Rural Health shared information about NHSC scholarship and loan repayment programs with health services students on three college campuses. Students learned about opportunities to apply for funding to repay loans and/or pay for their education if they serve in areas with limited access to primary care. The program raised interest in and awareness of opportunities for students who serve in areas with limited access to primary care. The ultimate goal is to increase the number of students that pursue NHSC positions in clinical sites located in urban and rural areas.



Connecting Communities to Better Health

The third goal of MI-AHEC is to provide workforce development opportunities for health care professionals in urban and rural settings, medically underserved populations and health professional shortage areas in Michigan. MI-AHEC also assists communities and clinics with retention of primary care providers.

MSLRP: Retaining Health Care Providers in Underserved Areas

Enhancing the retention of health care providers (physicians, nurses, pharmacists and dentists) in underserved areas in the state of Michigan by identifying specific factors that contribute to their retention is vital in improving the quality of care. A grant from the Michigan Department of Community Health was awarded to MI-AHEC for the collection of preliminary data on health care providers participating in the Michigan State Loan Repayment Program (MSLRP). Health care providers in MSLRP receive a credit on their student loans depending on the years of service they provide. This prospective study will include three phases

of surveys for health care providers. The initial phase will survey health care providers on background and family information and training experiences prior to MSLRP service. The second phase will include questions regarding the health care provider's selection of their first MSLRP service site. The third phase will survey health care providers on their experiences during MSLRP service and future goals after MSLRP service. This project is expected to identify specific factors to assist the MI-AHEC program in retaining health care providers in underserved areas in the state of Michigan.

Youth Mental Health First Aid

MI-AHEC and the Wayne State University School of Social Work are at the forefront of a national movement to train individuals and communities in Youth Mental Health First Aid (YMHFA), a potentially life-saving intervention for minors in crisis situations. The partners participated in a federal grant-based initiative to implement YMHFA with various AHEC sites across the country. The Northwest Connecticut AHEC program administers the national campaign for YMHFA, a priority of the Obama Administration that gained momentum after the tragic shooting at Sandy Hook Elementary School in Newton, CT. MI-AHEC and the School of Social Work were selected through

a competitive application process to serve as one of 14 host sites in 13 states where full-time AmeriCorps members will provide YMHFA certification classes in the community. Instructors taught YMHFA certification classes throughout southeast Michigan to individuals, including educators, foster parents, juvenile justice workers, community health workers, camp counselors, and college students, who routinely work with youth. Students in the WSU School of Social Work took the first class, a nine-hour workshop that taught them how to identify warning signs of mental health problems in adolescents and interact with them until help from a mental health professional is available.



MI-AHEC Regional Centers and Program Activities



AHEC Database Management System (ADMS)

In 2015, MI-AHEC completed the full implementation of the AHEC Database Management System (ADMS). ADMS maximizes cloud technology to support the data collection and HRSA reporting needs for the MI-AHEC Program Office and Regional Centers.

Some key advantages of ADMS is that it allows MI-AHEC to:

- collect programmatic data in a uniform manner across the state of Michigan;
- report MI-AHEC programmatic activity for the HRSA Performance Report twice a year; and
- follow the life cycle of program trainees as they go from pipeline participants to professional participants.

Built upon the Salesforce platform, ADMS takes full advantage of the flexibility of the application. Regional Centers are able to use this shared resource to report on all programmatic activity in their region; thereby contributing to the overall impact and outcomes data reporting for pipeline, clinical training and continuing education activities. IT Savvy Consulting located in Atlanta, Georgia, created ADMS under the guidance of the Georgia AHEC Program. IT Savvy provides MI-AHEC with ongoing support which enables MI-AHEC to meet the changing data collection and reporting needs of the program.

The Southeast Regional Area Health Education Center

The Southeast Regional Center (SERC) AHEC was established in 2011 and serves nine counties in southeast Michigan: Genesee, Lapeer, Livingston, Macomb, Monroe, Oakland, St. Clair, Washtenaw and Wayne.



SERC developed the Registered Behavioral Technician (RBT) program to address the overwhelming need for Applied Behavioral Analysis (ABA) treatment for children with Autism. In SERC's nine county area, 780 children have been approved by Medicaid for the treatment, but there are not enough RBTs to implement the plan. The RBT training is a collaboration program of SERC and the University Pediatricians Autism Center. In January 2015, they received a grant from the Michigan Department of Community Health to train not only the RBTs, but also to develop a "train the trainer" protocol for Masters prepared Board Certified Behavioral Analysts (BCBA) to provide the classes.





Mid-Central Regional Center

The Mid-Central Regional Center (MCRC) AHEC was launched in 2012 and serves 19 Counties: Arenac, Bay, Clare, Clinton, Eaton, Gladwin, Gratiot, Huron, Ingham, Ionia, Isabella, Mecosta, Midland, Montcalm, Osceola, Saginaw, Sanilac, Shiawassee and Tuscola.

MCRC supported over 300 rural high school and middle school student visits to the CMU College of Medicine and the College of Health Professions in Mt. Pleasant, Michigan. Many of these students have never been away from “home” which is frequently a small town or remote village. When the students are asked if they have ever visited the College of Medicine, many say they have never been out of their home town. This pipeline program is not only a way for these students to be exposed to a health career, but a way for them to travel and be in a new setting and location that is friendly, encouraging, and surrounded by mentors and other students pursuing higher education.



Western Michigan Regional Center

The Western Michigan Regional Center (WMRC) AHEC became operable in 2013 and serves 19 counties: Allegan, Barry, Berrien, Branch, Calhoun, Cass, Hillsdale, Jackson, Kalamazoo, Kent, Lake, Lenawee, Mason, Muskegon, Newaygo, Oceana, Ottawa, St. Joseph and Van Buren.

Over the past year, WMRC has been working on establishing their infrastructure by forming an active and diverse community advisory board. Partnerships with academic institutions throughout the region are assisting with creating community based student education programs. The region continues to work closely with high schools, career tech centers and MI-Works! Offices for effective delivery of pipeline programming, which exposes students and dislocated workers to healthcare career training programs. These programs include: Oral Health Career Exploration with the American Dental Society and local public health departments; a Healthcare Career Mentoring Program for at risk students in educationally disadvantaged areas; service learning opportunities for students throughout the region with curriculum based objectives specific to a student’s course work; and a student housing program for post-secondary students participating in rural, clinical rotations.



Upper Peninsula Regional Center

The Upper Peninsula Regional Center (UPRC) AHEC has been in existence since 2014 and services 15 Counties: Alger, Baraga, Chippewa, Delta, Dickenson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon and Schoolcraft.



Over the past year, UPRC has worked on developing their infrastructure, creating a Community Advisory Board, partnering with HOSA Chapters and High Schools to provide programming and working with local healthcare providers. Some of these efforts include: a Rural Health Careers Camp to be held at Northern Michigan University (for students in grades 9-11 from the 15 counties in the UP); A program for grades 10-12 entitled “Speed Dating: Health Professions Style” where the students learn about health careers in seven minutes; and work with the Michigan Health Council to establish a HOSA chapter in Luce County.

Northern Lower Regional Center

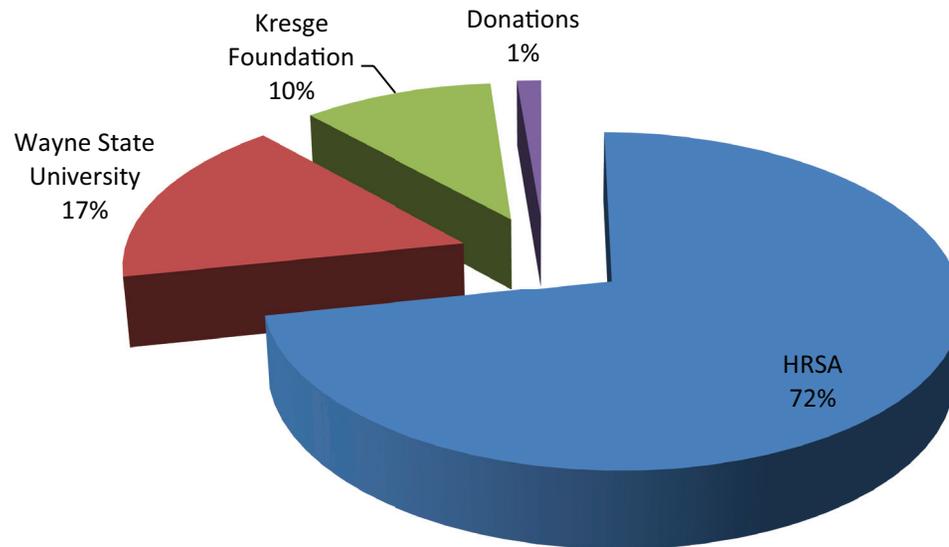
The Northern Lower Regional Center (NLRC) is the newest MI-AHEC Regional Center and was launched in April 2015. NLRC serves 21 counties: Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Losco, Kalkaska, Leelanau, Manistee, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon and Wexford. The host partner for the NLRC is Mid-Michigan Community Health Care Services, a federally qualified health center (FQHC) located in Houghton Lake, MI. FQHCs serve underserved areas or populations, provide comprehensive services and have a governing board of directors.



“Michigan AHEC is excited about extending our reach and resources to Northern Lower Michigan,” said Dr. Ramona Benkert, Associate Dean for Academic and Clinical Affairs of the Wayne State University College of Nursing and Co-Principal Investigator of the MI-AHEC program. “The Northern Lower region of Michigan has a severe shortage of primary care and other health professionals. We are pleased that Mid-Michigan Community Health Services has joined the MI-AHEC team and look forward to working with them and the community to identify and address northern Michigan’s health care workforce needs.”

MI-AHEC

Funding Sources to Date*



Kresge Foundation	\$ 400,000
Wayne State University	\$ 640,000
HRSA	\$2,760,000
Donation	<u>\$ 50,000</u>
Total	\$3,850,000

*As of 8/31/2015

(does not include smaller grants, cost share, cash match and in-kind contributions)



We know **NURSING**

The Wayne State University College of Nursing is committed to providing a world-class educational experience. Our faculty aid in the development of new nursing knowledge through the conduct of research that focuses on urban health, symptom science and health promotion. Additionally, our dedication to student success and our state-of-the-art learning environment combine to produce graduates who are prepared to be nurse leaders in research, education and practice. Located in Midtown Detroit, the College of Nursing's faculty and students serve diverse populations while promoting community and urban health.

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School of Medicine

*Michigan Department
of Community Health*



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U.S. Department of Health and Human Services

Health Resources and Services Administration



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A program of Wayne State University

4201 St. Antoine, Ste. 9A, Box 325

Detroit, MI 48201

(313) 577-5161

miahec.wayne.edu