



UNC HEALTH  
SCIENCES *at*  
MAHEC

Annual Report  
2020





## On the Cover

Angela Zarrella, FNP, administers a COVID-19 test in the drive-up Acute Care Clinic that was established on MAHEC's campus in the spring to expand access to safe testing for patients and community members.



*Jeffrey LaSalle, RN, assists Angela Zarella, FNP, with administering a COVID test.*

*Some photos were taken prior to the implementation of state guidelines to prevent the spread of COVID-19.*

# Letter From the Chair

Dear Friends:

What a remarkable year 2020 has been thus far. The world has certainly been faced with more than its share of challenges this year – natural disasters, social discord, and a global pandemic that we are still navigating our way through.

Yet, amidst all of this, there is hope in the faces of those who work in healthcare and the continued presence of and contributions from MAHEC in our community. Now in its 46th year, MAHEC remains ever committed to improving health in Western North Carolina through innovative health professions training and education and compassionate healthcare. With modest beginnings in 1974, MAHEC is the largest of the state's nine AHECs and enjoys a national reputation for innovation in healthcare education and healthcare delivery. UNC Health Sciences at MAHEC is a unique interdisciplinary collaboration with the University of North Carolina, Western Carolina University, and regional community partners. Located on MAHEC's main campus in Asheville, UNC Health Sciences at MAHEC includes the UNC School of Medicine Asheville Campus, a master of public health program led by UNC Gillings School of Global Public Health, and innovative educational and research collaborations with UNC Eshelman School of Pharmacy.



Simply put, the COVID-19 pandemic brought out MAHEC's best. Among the many ways it has risen to the challenge, the organization provided not only clinical care to those infected, but community leadership with regard to testing and partnership with community organizations including schools and universities. Rapidly moving from in-person visits to telehealth visits, MAHEC clinics served as role models for other organizations. Advocacy by MAHEC leaders at the state level helped to facilitate new models of payment from state and commercial sources. A focus on historically marginalized populations has ensured access to testing and care for all. The ongoing African American Health Series webinars has raised awareness and facilitated community conversation around issues related to healthcare disparities and scores of Project ECHO presentations have facilitated education around both pandemic and non-pandemic related matters.

And all of this is because of the individual efforts, offered in a collaborative and community-focused fashion, of each and every one who works for MAHEC. Top notch leadership and staff in all regards.

So I offer my congratulations and deepest thanks to MAHEC for all it has done and continues to do. It is a privilege and an honor to serve as the Chair of the Board.

Sincerely,

William R. Hathaway, MD

UNC Health Sciences at MAHEC Oversight Board

UNC Provost and Executive Vice Chancellor Robert A. Blouin, PharmD; UNC School of Medicine Executive Dean Cristy Page, MD, MPH; UNC SOM Executive Vice Dean and Chief Education Officer Julie Byerley, MD, MPH; UNC Gillings School of Global Public Health Senior Associate Dean Laura Linnan, ScD; UNC Eshelman School of Pharmacy Dean Angela Kashuba, PharmD; UNC Adams School of Dentistry Dean Scott De Rossi, DMD, MBA; UNC Board of Governors W. Louis Bissette, Jr; Cherokee Indian Hospital CEO Casey Cooper; and MAHEC CEO Jeffrey E. Heck, MD



# Carrying on a Legacy of Public Health

School of Public Health

This past year was a time of tremendous challenge, opportunity, and transition for UNC Gillings School's Master of Public Health Program in Asheville. It was the year when the world relied on place-based public health measures to battle a deadly pandemic. It was a year when our nation grappled with increasing divisions, disparities, and social unrest. And it was a year when the MPH program celebrated its first graduating class and mourned the loss of its founding director, Travis Johnson, MD, MPH, after a seven-year battle with cancer.

Although he did not live to see many of these momentous events, Travis helped prepare his students for all of them through his life's work, the MPH program he passionately developed, and the words he left his students shortly before his passing:

*"I do believe that the greatest public health threat today is hatred. I believe if we can use health to fight this and bring us together, it would be a huge win. This comes through a drive for justice, a heart for mercy, and a lifestyle of humility. These values I hope you carry with you as you move forward in your career."*

His students, and all those who Travis' life has touched, are committed to carrying on his legacy.



Travis Johnson, MD, MPH, founding director of the UNC Gillings School's MPH Program in Asheville.

Photo courtesy UNC Asheville



Learn more at [www.mahec.net/mph](http://www.mahec.net/mph)

## 2020 Program Highlights

- First class of 13 students graduate from MPH Program in Asheville
- Gillings School approves place-based health concentration
- UNC Asheville's Amy Lanou, PhD, becomes program director
- Gillings alumna Susan Mims, MD, MPH, joins leadership team
- MPH students work with 19 community organizations across WNC



# Learning to Provide Collaborative Care

*School of Medicine, School of Public Health, School of Pharmacy*

Our academic health center brings learners together with faculty and clinicians from a variety of health professions to prepare them to practice the team-based care that is essential for improving health in our underserved and rural communities.



## Interprofessional Educational Experiences

Early in the pandemic, UNC medical, public health, and pharmacy students had the opportunity to participate in real-world public health experiences. Interprofessional student teams worked with our regional response team to identify and respond to a variety of emerging needs including those related to:

- PPE and testing supplies
- Migrant farmworkers
- Isolated older residents
- Incarcerated populations, and
- Individuals experiencing homelessness



Learn more at [www.mahec.net/unc-ipe](http://www.mahec.net/unc-ipe)

*AHEC Scholar Annie Vasquez interned with the Vecinos Farmworker Health Program in Haywood County. Pictured here are Annie (center, in cap) with Vecinos staff and farmworkers.*

## AHEC Scholars Program at MAHEC

Our first cohort of 10 AHEC Scholars graduated in 2020. This two-year national program recruits, trains, and supports

**a diverse group of health professions students**

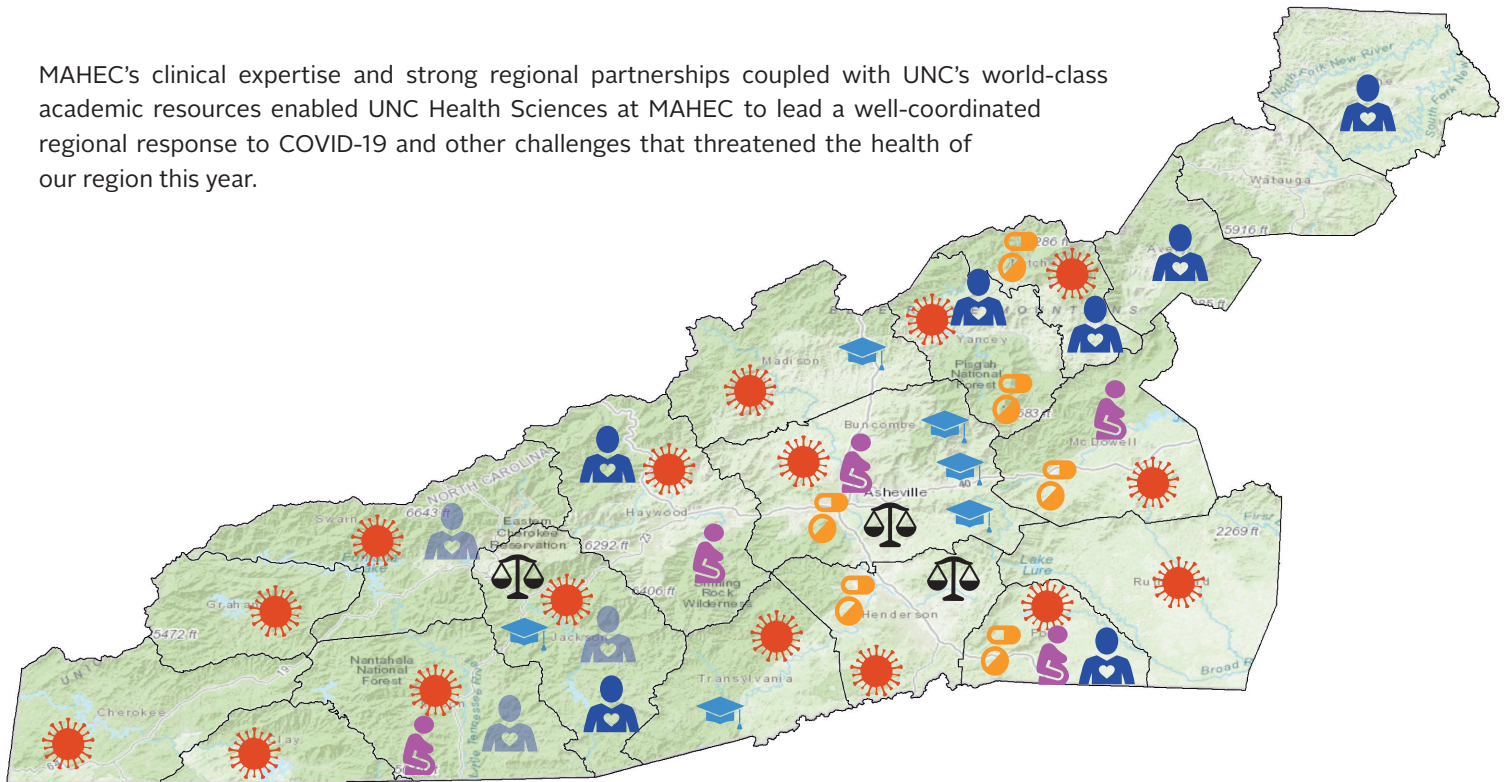
and exposes them to collaborative equity-focused care and social determinants of health through 80 hours of didactics and 80 hours of clinical shadowing.

# Unprecedented Challenges Inspire Unprecedented Innovation

## MAHEC in the Region

Never before has the need for a regional academic health center been more clear than in 2020 when Western North Carolina faced an unrelenting global pandemic and widespread social unrest over violence and other disparities. These public health crises exacerbated existing health challenges that include higher rates of chronic disease, behavioral health and substance use disorders, and healthcare workforce shortages.

MAHEC's clinical expertise and strong regional partnerships coupled with UNC's world-class academic resources enabled UNC Health Sciences at MAHEC to lead a well-coordinated regional response to COVID-19 and other challenges that threatened the health of our region this year.



### Colleges and Universities Supported

- UNC Asheville (Buncombe)
- Montreat College – Black Mountain (Buncombe)
- Warren Wilson College – Swannanoa (Buncombe)
- Western Carolina University – Cullowhee (Jackson)
- Mars Hill University – Mars Hill (Madison)
- Brevard College – Brevard (Transylvania)



### COVID-19 Practice Support

- All 16 counties



### Substance Use Disorders Services

- Buncombe
- Henderson
- McDowell
- Mitchell
- Polk
- Yancey



### Rural Training Practices (RTPs) & Fellows

- RTPs in Haywood, Mitchell, Polk, and Yancey
- Rural Fellows in Ashe, Avery, Haywood, Jackson and Yancey



### Future RTPs (in development)

- Jackson
- Macon
- Swain (Eastern Band of Cherokee Indians)



### Health Equity

- Buncombe
- Henderson
- Jackson



### Maternal Health

- Buncombe
- Haywood
- Macon
- McDowell
- Polk



# Emerging Challenges / Innovative Solutions

## The COVID-19 Global Pandemic

### Created

- Significant health threats for WNC's rural, chronically ill, and older residents
- Unprecedented strain on our healthcare systems and workforce
- Rapid changes across systems of care to ensure patient and staff safety
- Increased risk of overdose and relapse in our already high-risk region

## MAHEC

### Responded

- Rapidly assessed the region's COVID-19 prevention and response needs
- Supported WNC practices and institutions of higher education with COVID-19 guidance, training, technical assistance, and PPE
- Guided regional practices in telehealth implementation
- Coordinated COVID-19 communications, data, and resource sharing

## Amplified Health Disparities

- Putting rural and historically marginalized residents at greater risk for exposure and serious illness
- Isolating vulnerable populations during quarantines and other restrictions
- Intensifying economic and educational disparities, food and housing insecurity, and creating barriers for those without access to broadband technology for telehealth and distance learning

## Leveraged Assets to Address Disparities

- Directed testing, PPE, and resources to the most vulnerable WNC residents
- Developed statewide training to support social determinants of health
- Expanded community-centered initiatives to improve access to healthcare

## Exacerbated Workforce Shortages

- Causing many practices to reduce staff and services during the pandemic
- Leaving several WNC counties with less than half the primary care workforce needed
- Creating new barriers for those with behavioral health and substance use disorders
- Disrupting clinical training opportunities for health sciences students

## Expanded Our Essential Workforce

- Added rural fellowship sites and rural teaching practices
- Created interprofessional educational experiences to support team-based care
- Established the region's first behavioral health safety net supporting 18 WNC counties
- Redesigned curricula to provide meaningful and safe learning opportunities

# Launching a Regional Response to a Global Pandemic

Regional Response Team

Early in the pandemic, MAHEC coordinated with state and local partners to develop a comprehensive regional response to protect Western North Carolina by focusing on areas of greatest need.

## 5 key areas:

- COVID-19 needs assessment and data sharing
- Testing, tracing, and containment
- Capacity building
- Supply chain coordination
- Regional communications

*MAHEC dental residents  
Matt Wolfe, DMD, and Morgan Stroud, DMD,  
practice their teledentistry skills.*



### Assessing the Need

MAHEC, UNC, and the Cecil G. Sheps Center faculty and students surveyed 113 primary care practices across WNC and provided practice support for urgent COVID-19 needs within 24 hours.

### Targeting Our Response

MAHEC worked with regional partners to create a WNC dashboard that identifies COVID-19 trends and hot spots to enable the rapid deployment of resources to our most vulnerable communities.

### Analyzing the Results

Working with UNC in Asheville and Chapel Hill, our researchers are analyzing data from several North Carolina health systems to identify patient characteristics associated with COVID-19 mortality.



Learn more at [www.mahec.net/covidsurvey](http://www.mahec.net/covidsurvey)



# Practicing What We Teach

Primary Care

MAHEC developed best practices for COVID-19 prevention and treatment; safe clinical operations; telehealth, teletherapy, and teledentistry; and equitable care for at-risk and historically marginalized communities.

## Testing, Treating, and Containing the Virus

In early March, MAHEC was one of the first in the region to offer drive-up COVID-19 testing for patients and community members.

- Car-based clinic provided quick, convenient, and safe access to testing
- Patients with COVID-19 symptoms were treated in a separate clinic to minimize exposure risk
- MAHEC clinicians provided medical care for individuals quarantining after release from detention facilities

6,942

acute care  
visits for  
COVID-19  
testing

through November 2020

*Walter Accles, PA-C,  
administers a COVID-19  
test in the drive-up  
respiratory clinic on the  
Biltmore campus.*



## Sharing What We Practice

In late March, our regional response team began working with community partners to provide weekly regional reports on emerging COVID-19 trends, research, clinical guidance, and health disparities. These weekly reports were distributed to more than 7,200 healthcare providers and community leaders and included best practices, training opportunities, and resources.

MAHEC leveraged regional expertise and resources by working closely with

- State and regional health departments
- Community-based health organizations
- Local chambers of commerce
- WNC universities and colleges
- The University of North Carolina system



# Building Our Region's COVID Capacity

Practice Support

## MAHEC's Practice Support

### Helped more than 50 healthcare practices

across 16 WNC counties meet COVID-19 needs including:

- Training and guidance
- PPE and testing supplies
- Financial assistance
- Telehealth implementation
- Practice transformation

## Weekly Virtual Drop-In COVID-19 Support

- **78 live Project ECHO<sup>®</sup> videoconference sessions** since March
- **4,135 participants**
- Topics included COVID-19 treatment in primary care, telehealth implementation, community resources to support SDOH, healthcare workforce resiliency, COVID-19 preparedness for institutions of higher education, and infection prevention and control in long-term care facilities

## Library Resource Guides

- Curated COVID-19 guidance, tip sheets, and resources
- **Accessed over 7,450 times**
- Guides address patient care and testing, PPE, telehealth, ob/gyn care, health equity, vaccines, resiliency and mental health, coding and billing, and financial assistance

## Safe Re-Opening Guidance

- Practice support for providing **safe on-site patient care**
- Smart Restart Toolkit and LibGuides for businesses and organizations
- Strategic planning partner for WNC universities and colleges

## Supply Chain Coordination

- Surveyed **113 WNC practices** to assess PPE and testing supply needs
- UNC student researchers identified local, state, and federal suppliers
- Used online platforms to facilitate regional PPE procurement and bulk purchasing

*Early in the pandemic, MAHEC dental residents and UNC medical students developed prototypes for PPE and COVID-19 test swabs.*



# Creating Opportunities in the Midst of Crisis

Psychiatry

Innovation requires not only the best ideas but also the resources necessary to turn them into actionable solutions. UNC Health Sciences at MAHEC faculty and research scientists helped drive innovation in 2020 with a successful grant funding strategy that supported expansion of behavioral health services, access to treatment for opioid use disorder, rural workforce development, maternal and infant health equity, and a regional COVID-19 response.

## 2020 Grants & Gifts:

# \$12.2 M

Opioid & SUDs  
\$3,889,459

Rural Health Workforce  
Development  
\$2,614,100

Behavioral Health  
\$2,085,000

Health Equity  
\$2,006,405

COVID-19  
\$1,020,488

Healthy Aging  
\$430,000

Additional  
\$619,725

**Western North Carolina struggles** with higher rates of serious mental illness, substance use disorders, and depression and has a shortage of behavioral health professionals to treat these chronic health conditions.



*“Becoming a certified community behavioral health clinic is a long-term solution that allows MAHEC to offer ongoing care to people who are uninsured, which will give them a better chance of successfully managing their illness.”*

- Steve Buie, MD, Chair,  
MAHEC Department of Psychiatry



Learn more at [www.mahec.net/ccbhcare](http://www.mahec.net/ccbhcare)

MAHEC’s Center for Psychiatry and Mental Wellness has developed a number of broad-reaching strategies to bridge the barriers to treatment for residents with severe mental illnesses and substance use disorders across our 18 WNC counties.

- 1. Create a safety net.** The center significantly expanded staff and services to support insured and uninsured residents as WNC’s first certified community behavioral health clinic.
- 2. Make services more accessible.** MAHEC piloted behavioral telehealth before COVID-19 and provided telecounseling and medication management services throughout the pandemic.
- 3. Provide community-based care.** Mobile crisis services, school-based counseling, certified peer support, and care coordination provide critical services where they are needed most.
- 4. Train more psychiatrists.** The residency program expanded to six residents per class and added a consultation-liaison psychiatry fellowship to support collaborative care.

# Developing Our Essential Workforce

Center for Health Professions Education

Our rural and diversity pathway programs recruit the brightest students from across WNC and provide them with ongoing interprofessional training opportunities from high school through undergraduate and professional programs and into rural practice. Rural fellowships and rural teaching practices provide lifelong learning and mentorship opportunities through our academic health center.



Minority Medical Mentoring Program, Fall 2019

**HIGH SCHOOL** .....

AHEC Scholars ..... **UNDERGRADUATE**

*"I loved getting hands-on experience in a variety of health professions and gaining different perspectives in the medical field – learning things that aren't necessarily covered in school."*

—Abril Ruiz-Lopez  
UNC Asheville senior, first-year AHEC Scholar,  
aspiring pediatrician

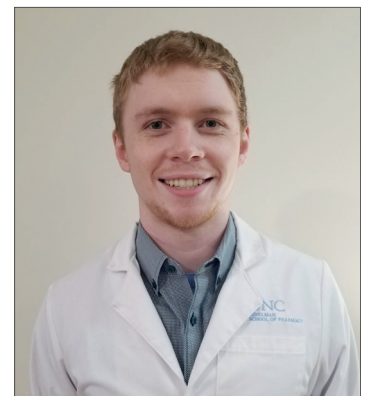


Abril Ruiz-Lopez shadows chief resident Luke Wilkinson, MD, at the MAHEC Family Health Center at Biltmore.

**POSTGRADUATE** .....

**GRADUATE PROFESSIONAL SCHOOL**

*"This experience opened my eyes to how different perspectives and approaches of interprofessional team members can come together to solve problems more effectively."*



—David Hicks  
UNC Eshelman School of Pharmacy, Class of 2021,  
reflecting on his COVID-19 Interprofessional Education (IPE) course.



# A Path to a Healthier Future

## Graduate Medical Education



MedServe Fellow Tsaiwei Cheng gains experience in MAHEC's COVID-19 Community Testing Clinic.

### New Rural Residency Program

MAHEC Boone Rural Family Medicine Residency Program welcomed its first four residents in 2020.

### New Primary Care Residency Program

In 2020, MAHEC received ACGME approval for a new internal medicine residency program that will train **45 residents** yearly by 2023.

### Primary Care Training and Enhancement

A \$2.5 million HRSA award will increase the rural physician workforce in WNC over the next five years through expansions in resident recruitment, rural rotations, interprofessional training, curriculum development, rural fellowships, and rural teaching practices.

These new programs and enhancements will enable MAHEC to train up to **97 primary care physicians** each year, with an expected 60% remaining in WNC to practice.

*"One of the best things about being a rural family doctor is the role you get to play in your community. You get to wear a lot of hats, and we're replicating that in our curriculum and program."*

—Molly Benedum, MD

Director, MAHEC Rural Family Medicine Residency Program – Boone

## RESIDENCY PROGRAMS

### RURAL FELLOWSHIPS

**363 hours of clinical rotations** at RTPs for family medicine and pharmacy residents, medical and nurse practitioner students, AHEC Scholars, UNC interns, and rural high school students.

### RURAL TEACHING PRACTICES (RTPS)

A third rural teaching practice was established in Haywood County, and plans are underway for RTPs in Jackson and Macon counties and the Eastern Band of Cherokee Indians.



2020 Rural Fellow Daniel Landon Allen, MD, (center left) and 2019 Hendersonville Family Medicine Residency Program graduate Caitlin Sullivan, MD (center right), celebrate the opening of their new family practice in West Jefferson, NC.

Five rural fellows established practice in four rural counties this past year. Since 2017, 16 fellows have established practices in 12 WNC counties.



# Changing the Way We Care for Pregnant Patients

## Obstetrics & Gynecology

Project CARA supports approximately

**200 pregnant and parenting women**

affected by substance use from 19 WNC counties each year. Program services include prenatal, labor and delivery, and postpartum care as well as medication for opioid use disorder, hepatitis C screening and treatment, counseling, peer support, and coordination of social services and inpatient treatment when needed.

### Family Transformation

Project CARA babies are born at a healthier birthweight and are more likely to breastfeed.

Their mothers are

- 25% more likely to attend prenatal visits
- 75% more likely to be illicit drug-free at delivery
- **800% more likely** to participate in behavioral health services

### System Transformation

- Trained more than **700 healthcare providers** across NC and the US
- Provided clinical rotations and didactics for 61 learners
- Collaborated with community partners to provide wraparound care
- Created a toolkit to help providers build capacity to treat perinatal opioid use disorder
- Cared for pregnant women with SUDs who are incarcerated

*Ra'Sheena Parker, WHNP, and Melinda Ramage, FNP, in the Project CARA clinic.*



Learn more at [www.mahec.net/projectcara-healthaffairs](http://www.mahec.net/projectcara-healthaffairs)

*"An ob/gyn visit may be the first time a woman reveals she is using substances. Our job is to ensure patients feel safe enough to confide in us so we can help them have a healthy pregnancy and birth."*

—Melinda Ramage, FNP  
Project CARA Medical Director



# Breaking Down Barriers to Treatment

## Substance Use Disorders

The COVID-19 pandemic has exacerbated the opioid crisis, with the National Institute on Drug Abuse reporting increases in relapse rates and up to 40% more overdose deaths due to isolation and social distancing, financial stress, widespread job losses, increased fentanyl in the opioid supply, and healthcare workforce shortages.

### Bringing More Tools to More Providers in 2020

- **Statewide MAT Residency Training**

Over the course of a year, trained and provided technical assistance to **1,747** physicians, physician assistants, nurse practitioners, and clinical staff from **31** NC residency and advanced practice programs

- **Continuing Professional Development**

Delivered **198 opioid programs to 9,036 participants**

- **Making Communities Safer**

Launched collaboration to provide MAT to justice-involved individuals in Buncombe County

- **Expanding Statewide Access to Treatment**

Established addiction medicine hubs at MAHEC and UNC-Chapel Hill to provide MAT training and support to NC community-based health centers

### Training Regional Addiction Specialists

With the support of a \$1.8 million five-year HRSA grant, the Department of Family Medicine at MAHEC launched an addiction medicine fellowship this summer to increase the number of addiction specialists practicing in community-based and rural settings in Western North Carolina. The program will train up to four fellows each year under the mentorship of MAHEC faculty who are leading experts in medication-assisted treatment for opioid use disorder, perinatal substance use treatment, and safe chronic pain management.

Advanced training across a variety of community-based settings includes:

- medical detoxification
- pharmacotherapy
- telehealth
- psychosocial approaches
- harm reduction
- 12-step group facilitation
- working with certified peer support specialists



*Fellowship director Nathan Mullins, MD, Carriedelle Fusco, FNP, and Blake Fagan, MD, are MAHEC faculty certified through the AAFP Opioid Response Network.*



# Expanding Access to Care

## Health Equity

As the coronavirus swept through Western North Carolina, the pandemic exposed and amplified disparities in healthcare and social determinants of health. UNC Health Sciences at MAHEC has redoubled efforts to work with community partners across the region to ensure high quality healthcare is available when and where it is needed most.

### African Americans

**2x more likely** to be hospitalized for chronic health conditions  
**3x more likely** to die prematurely  
**4x more likely** to die in their first year of life

### LatinX

**3x more likely** to experience poverty  
**3x less likely** to have health insurance  
**26% of COVID cases** but less than 7% of the population

### Rural Americans

**18%** of rural WNC residents live at or below the poverty line  
**100%** of WNC counties have shortages of healthcare professionals  
**130** rural U.S. hospitals have closed, several in WNC, in the past 10 years



Learn more at [www.mahec.net/equity-apnews](http://www.mahec.net/equity-apnews)

*Megan Cochran, RDH, provides compassionate care to a Spanish-speaking patient in the Dental Health Center at Biltmore.*





# Investing in Communities

## Community Health

MAHEC is committed to learning from and investing in the WNC communities most impacted by poor health outcomes. We engage community expertise in our health education, patient care, community partnerships, collaborative research, staff training, diversity workforce development, and our many initiatives focused on eliminating health disparities.



### **Mothering Asheville**

Community-based movement to eliminate disparities in infant and maternal mortality rates by

building community capacity, shifting the way we provide care for African Americans, and advocating for policy change.



### **SistasCaring4Sistas**

Community-based doulas located in our ob/gyn clinic have provided evidence-based pregnancy care for over 100 families of color while creating career opportunities in perinatal health and a replicable model of care.

### **COVID-19 Health Equity**

MAHEC's COVID response team has worked with regional partners to provide equity-focused health information and training, testing supplies and PPE, and community-based resources.

### **Social Determinants of Health**

We are committed to addressing the broader impacts of racism by connecting patients to community resources for housing, legal assistance, food, interpersonal safety, employment, and transportation.

### **Workforce Development**

Our Minority Medical Mentoring Program and AHEC Scholars programs provide underrepresented minority students with interdisciplinary training and education to transform the healthcare workforce.

### **Patient-Affirming Care**

MAHEC has partnered with leading experts to develop best practices for patient care and inclusive facilities that support the needs of transgender and gender non-binary patients and staff.



*SistasCaring4Sistas doula Cindy McMillan provides emotional and social support for clients in addition to labor support.*



Learn more at [www.mahec.net/doulas-politico](http://www.mahec.net/doulas-politico)



*AHEC Scholars practice IV insertion on a task trainer in the Simulation Center.*



# Financials

## UNC Health Sciences at MAHEC FY 2019-20 Fiscal Plan Summary

## FY 19-20 Spending

Administration	\$	843,000
School of Medicine	\$	540,000
School of Public Health	\$	823,000
School of Pharmacy	\$	1,157,000
Social Determinants of Health Community Initiative	\$	331,000
Academic and Research Faculty	\$	1,769,000
Faculty Development	\$	660,000
UNC/MAHEC Academic Grants	\$	229,000
Boone Family Medicine Residency Program	\$	257,000
Student Pipeline Projects	\$	496,000
Rural Fellowships	\$	350,000
Rural Teaching Initiative	\$	888,000
School of Dentistry and Columbus Dental Practice & Rural Teaching Site	\$	464,000
Project CARA	\$	240,000
Center for Ambulatory Nursing Excellence	\$	425,000
Administrative Overhead Allocation	\$	1,108,000
<b>Total Spending</b>	<b>\$</b>	<b>10,580,000</b>





# MAHEC and UNC Health Sciences at MAHEC

## CLINICAL CARE

### Family Medicine

- Clinics at Biltmore, Enka/Candler, Cane Creek and Newbridge
- Geriatric Care at Givens, Deerfield and Home-Based Primary Care
- School-Based Health (school nurses in Asheville City and Buncombe County public K-12 schools)
- Acute Care Clinic
- Specialty clinics in: Centering Parenting, IDD Assessment Clinic, HIV/Hep C, Sports Medicine

### Obstetrics & Gynecology

- Clinics at Biltmore and in Franklin, NC (rural care)
- Centering Pregnancy
- Project CARA: Substance Use Treatment in Pregnancy
- Maternal-Fetal Medicine: High risk maternity care

### Dentistry

- Clinics at Biltmore and Columbus, NC

### Psychiatry

- Certified Community Behavioral Health Clinic
- MAHEC Center for Psychiatry & Mental Wellness
- School-based therapists

### Internal Medicine

## UNC-AFFILIATED PROGRAMS

### UNC School of Medicine Asheville

- Kenan Primary Care Medical Scholars

### UNC Gillings School of Global Public Health MPH Program in Asheville

### UNC Eshelman School of Pharmacy in Asheville

### UNC Adams School of Dentistry

- Rural Oral Health Scholars

## GRADUATE MEDICAL EDUCATION

### Residencies

- Family Medicine (3 sites)
- Obstetrics & Gynecology
- Surgery
- Psychiatry
- Internal Medicine
- Transitional Year
- Dental, Dental MPH
- Pharmacotherapy
- Lifestyle Medicine Curriculum

### Fellowships

- Addiction Medicine
- Consultation-Liaison Psychiatry
- Surgical Critical Care
- Hospice & Palliative Medicine
- Sports Medicine
- Maternal Child Health
- Rural Family Medicine, Pharmacy, Innovation

## HEALTHCARE WORKFORCE DEVELOPMENT / The Pathway

- Health Careers Awareness Education
  - Minority Medical Mentoring Program
  - AHEC Scholars
  - Summer Camp
- Student Internships
  - UNC Asheville Pre-Healthcare Professions
  - WNC HEART
  - Davidson Impact
  - MedServe
  - MAHECXplorer
- WCU Expansion Programs
- Student Rotations & Housing (ORPCE)

## CONTINUING PROFESSIONAL DEVELOPMENT

- Continuing Education
- Library Science
- Simulation Center
- Safer Pain Management & Opioid Education: Regional and Statewide Training Programs

## HEALTH EQUITY INITIATIVES

- Certified Peer Support Specialists
- Community Health Worker Network
- Medical-Legal Partnership with Pisgah Legal Services
- Mothering Asheville (OB)
- Preconception Health (FM)
- SistasCaring4Sistas Doulas (OB)

## COMMUNITY & PUBLIC HEALTH

- COVID Regional Response Team
- Lactation Consulting & Breastfeeding Clinic
- Safe Kids
- Triple P: Positive Parenting Program
- ACEs Learning Collaborative

## RURAL HEALTH INITIATIVES

- Rural Teaching Practices (4 locations in Haywood, Polk, Yancey and Mitchell counties)
- Workforce Development
- Rural Fellowships
- Rural Maternity Care (OB)
- Pathway Programming
- Project PROMISE

## RESEARCH & INNOVATION

### Research

- Research areas of focus include:
  - Health equity, substance use disorders, practice-based research, chronic disease prevention and treatment
  - Home-Based Primary Care
- RWJF Clinical Scholars
- RWJF Interdisciplinary Research Leaders

### Center for Healthy Aging

### Practice Support



**UNC Health Sciences at MAHEC**

125 Hendersonville Rd | Asheville NC 28803 | 828-257-4400

[www.mahec.net](http://www.mahec.net)