



# IMPACT REPORT 2023

UNC SCHOOL OF NURSING

# MOBILE HEALTH CLINIC

A NURSE-LED PRACTICE





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## SUCCESS STORY

### Wake County School Children

Antonio,\* a four-year-old Hispanic boy, came to the clinic for a physical health assessment required for kindergarten admittance. In North Carolina, students entering the public school system for the first time must receive a health assessment within 12 months prior to their first day of class.

While the NC Department of Health and Human Services provides these assessments free of charge, the large number of students entering schools has resulted in a significant backlog, threatening to delay their admission. Antonio did not have a pediatrician and had not seen one since birth. His story is not unique. Many of the children who visit the clinic for school physicals lack a pediatrician or healthcare provider, do not have health insurance to cover the visit, or cannot afford a private practice assessment.

To address this community need, the Mobile Health Clinic, in collaboration with the Department of Health and Human Services, agreed to conduct the free assessments. Families are now invited to make appointments directly with us. Since the agreement's inception, this service has not only benefited the students but has also contributed to the overall health of their families.

As the students receive their assessments, clinic staff identify other needs the family may have. The children and their families are often screened for chronic health conditions and connected to local resources, including primary care providers, food pantries, oral care programs, educational resources, mental health services, and more.

Through these efforts, children receive thorough health assessments, and their families gain access to a wealth of valuable information and resources.

*\*Not the child featured in this photo nor his name*





# IMPACT A SUMMARY

## 10 WAYS THE MOBILE HEALTH CLINIC IMPROVED COMMUNITY HEALTH IN 2023



### Access to Healthcare

The Mobile Health Clinic provided essential healthcare services to underserved communities, ensuring that **743** individuals received the care they needed.



### Community Outreach

The clinic's presence in various locations, particularly at Dorcas with **513** visits and the Cora Food Pantry with **102** visits, significantly increased healthcare accessibility for many residents, highlighting the clinic's strong commitment to the community.



### Vaccination Clinic and Screenings

About 113 individuals attended our vaccine, skin cancer, atrial fibrillation, and retina scans screenings which we offered to prevent and detect various health conditions.



### First-Time Consultations

With **82.37%** of visits being first-time consultations, the clinic successfully reached new patients, expanding its impact within the community.



### Chronic Disease Management

By addressing chronic conditions such as high blood pressure and diabetes, the clinic helped **361** and **213** patients respectively manage their health more effectively.





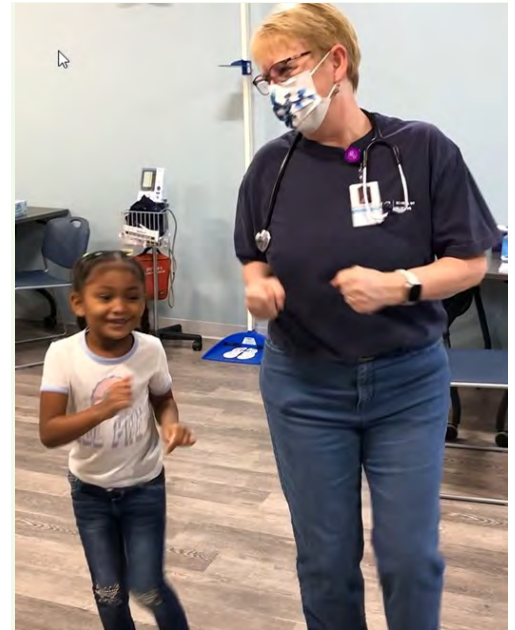
### Focus on Underserved Populations

The clinic prioritized underserved populations, providing targeted health services that addressed the most pressing health issues. Notably, **78%** of the population we served were minorities, reflecting our commitment to these individuals and families.



### Monthly Engagement

By maintaining consistent monthly visits, peaking in October with **121** patients cared for, the clinic ensured continuous healthcare support throughout the year.



### Educational Support

Through school physicals and health education, the clinic supported the educational needs of children and adults, ensuring that children were healthy and ready to learn, and that adults improved their health literacy.



### Holistic Health Approach

The clinic's comprehensive services—ranging from managing chronic diseases and providing preventive care to connecting patients with area resources and addressing social determinants of health—offered a holistic approach to healthcare, significantly improving overall community health and well-being.



### Nurse Practitioner Consultations

A significant **65%** of patients were seen by a nurse practitioner, ensuring professional and high-quality healthcare services were provided.

# LETTER FROM THE EXECUTIVE & CLINICAL DIRECTORS

There are many things we love about the mobile clinic, particularly our ability to adapt to the evolving needs of the community. This adaptability was evident during the pandemic when we shifted our focus to providing telehealth services and implemented other protective measures to ensure the delivery of safe, quality care during those challenging times.

Thanks to the second year of AHEC Clinical Expansion Funding (2023-2024), we continue to partner with CORA Food Pantry to offer services to rural residents. We also increased our clinical services from six days a month to 10 days.

We once again adapted our services to address the growing needs of the community, this time by filling a critical gap in the care of school-aged children—many of whom sought refuge in our neighborhoods from war-torn countries. We increased the number of children served from 13 in 2022 to 224, an astounding increase of 1,623%. Providing the required physical assessments that allowed these children to enroll in school was crucial to their emotional and social well-being.

Recognizing that many of these children had endured harrowing experiences before arriving in our community, we approached their care, and that of their family members, with compassion and a trauma-informed perspective. Many of the children spoke languages other than English or Spanish, offering our clinic staff opportunities to expand their skills in using language lines and translation apps.

Another significant development in 2023 was the expansion of university student volunteers from disciplines beyond nursing. We were thrilled to serve as a learning site for Interprofessional Education (IPE) students and scholars, creating a rich environment for



*Jean Davison, left, and Marianne Cockcroft, right, at the Dorcas location.*

collaborative practice. Students from the Schools of Social Work, Pharmacy, Dentistry, Medicine, Biology, and Public Health joined our nursing students in delivering care to our diverse and culturally varied clients. In 2023, over 80 nursing and IPE students engaged in experiential learning with our mobile health clinic. They come to appreciate the importance of meeting clients where they are and delivering compassionate care with a Carolina heart.

Warm regards,

*Marianne Cockcroft, PhD, RN*

Marianne Cockcroft, PhD, RN

*Jean Ann Davison*

Jean Ann Davison, DNP, FNP-BC



# VISION, MISSION AND VALUES



## VISION

Advance the health of low-income populations and people undergoing crisis situations

## MISSION

Recognizing the impact of stress on health, we aim to promote wellness, assess those who are at risk for health problems, and assist individuals in managing chronic diseases.

## VALUES

Community

Diversity

Collaboration

Outreach

Access



# GOING FOR THE GOLD

These accomplishments reflect our ongoing commitment to expanding access to healthcare, supporting underserved communities, and fostering collaboration with local organizations and students. We look forward to building on these successes in the coming year.



## CONTINUED EXPANSION IN CHATHAM COUNTY

We continued to broaden our outreach by expanding our services into rural Chatham County through our partnership with the CORA Food Pantry, which allowed us to reach and serve more residents in need. The expansion was possible thanks to a \$20,000 AHEC Clinical Expansion Grant awarded to Jean Davison to support our ongoing efforts, and to increase the span of those we serve through **expanding the reach and diversity of our services.**



## AWARDED GOLD RATING FROM NAFC

Our clinic received a prestigious Gold rating from the National Association of Free and Charitable Clinics (NAFC). This recognition reflects our commitment to providing high-quality healthcare services and our dedication to meeting the rigorous standards set by the NAFC. The Gold rating is a testament to the hard work and compassion of our staff, volunteers, and supporters and **a reward and celebration of our collaborative achievements.**



## ESTABLISHED NEW PARTNERSHIPS

Partnering with the United Language Group enabled us to offer free navigation services to patients, helping them with health insurance enrollment and re-enrollment, as well as providing education on accessing and utilizing healthcare services. Additionally, we formalized our partnership with North Carolina MedAssist to host a second mobile free pharmacy event. At this event, we dispensed over-the-counter medication to more than 850 individuals. In a survey conducted by NC MedAssist, 161 people indicated that they could have potentially avoided an emergency room visit that year if these medicines had been available to them. These partnerships are a testament to our **commitment to cultivate new relationships in our community.**





## CULTIVATED COMMUNITY RELATIONSHIPS

The abundance of community events in the Research Triangle allowed us to **establish new, meaningful relationships** within our diverse community. In particular, this included health fairs sponsored by the Middle East Refugee Aid (MERA), El Vínculo Hispano, and El Centro Hispano. All three organizations conduct outreach to underserved populations that stand to benefit from the services that we provide. Attending these events promoted engagement and enthusiasm for our **shared mission**.



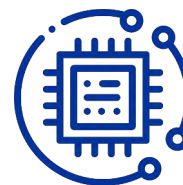
## EXPANDED ACADEMIC TRAINING

To further **advance interprofessional education and practice (IPEP)**, we expanded a nursing elective course to involve other health disciplines including social work, medicine, and Spanish interpretation.. Additionally we incorporated training in trauma-informed care, behavioral health, cultural humility, and the National CLAS Standards as clinical competencies to enable students to better serve patients and **contribute to the level of rigor we aspire** to in the UNC School of Nursing.



## ADDED NEW TECHNOLOGY

In our ongoing effort to implement efficient systems that maximize the impact of our limited resources and **contribute to technological progress**, we introduced a scanning tool to safeguard and streamline the storage and security of our health records. Additionally, to accommodate the diverse languages spoken by our visitors, we expanded the use of cellular-assisted translation services, enabling more volunteers to communicate effectively with our patients.



## INCREASED MENTEE TO MENTOR OPPORTUNITIES

Each year, the clinic offers students the opportunity to engage one-on-one with experienced faculty. This **mentor-mentee interaction** allows students to hone their skills and knowledge, enhancing their career growth. Faculty members become academic and career champions for the students, helping to improve their outcomes for success in the field.



# TOGETHER WE ACHIEVE: THE POWER OF PARTNERSHIP



## FREE OVER THE COUNTER MEDICATION WITH NC MEDASSIST

In the spring, we partnered with NC MedAssist to host our first, free mobile pharmacy event, with funding provided by Wellcare, Figs of Wake County, UNC School of Nursing, and the Cary-Page Rotary Club. NC MedAssist is the only non-profit pharmacy offering free medication to those in need across North Carolina. The event served 853 people, including 598 in person, as well as through homebound orders and donations to underserved, homeless, or crisis-affected families. Of those served, 24% were uninsured, highlighting the importance of such efforts. In the spirit of inclusion, the event reached individuals from African-American, Black, Native American, Asian, Bi-Multi-Racial, Latino-Hispanic, and White communities.

## ULG NAVIGATOR PROGRAM HELPED INCREASE HEALTH INSURANCE LITERACY AND ACCESS

The United Language Group navigators, part of a non-profit federally funded program, have become a vital resource at our clinic, assisting individuals and families with navigating health insurance options. These navigators help our visitors determine if they qualify for Medicare or Medicaid services, guide patients through the enrollment and re-enrollment process, and assist with accessing healthcare services. Their free services are a welcome resource for our uninsured patients as well as those navigating the complexities of Medicare and Medicaid.





# THINK GLOBAL, ACT LOCAL: SERVING THE INTERNATIONAL COMMUNITY AT HOME

## CONNECTING WITH EL VÍNCULO HISPANO THROUGH CULTURE

Attending Fiesta 2023, a Hispanic heritage event in Siler City sponsored by El Vinculo Hispano, gave us the chance to connect with over 7,000 attendees who came to enjoy folkloric dances, art exhibits, health fair booths, and other attractions. This event celebrated the rich cultural heritage of the Hispanic population and provided students with a platform to offer healthcare services, practice their cultural competence and Spanish language skills. Our partner, UNC Health, administered 60 flu shots and distributed \$20 gift cards.



## ADDRESSING AND SUPPORTING THE HEALTH OF REFUGEE COMMUNITIES

When the student-run Middle East Refugee Aid organization called for volunteers for its inaugural health fair, we eagerly answered. This event allowed us to extend our services to a diverse community, offering essential healthcare and support to refugees. The fair provided an opportunity to connect with individuals from various backgrounds and address the unique health needs of those seeking refuge in our community, including people from the Middle East, South Asia, and Latin America.



## ENSURING OUR VISITORS FEEL COMFORTABLE COMMUNICATING

Communicating health information to your healthcare provider can be challenging when language barriers exist. We made it a priority to ensure our patients felt comfortable speaking with us in whatever language was most familiar to them. With the help of our bilingual staff and translation apps, the patients communicated effectively with us in various languages, including Arabic, Chinese, Hindi, and Spanish. We aimed to help our patients feel welcome and at home.



# PRACTICE MAKES FOR EXCELLENT FUTURE NURSING PROFESSIONALS

*Volunteering with the mobile health clinic is like no other experience. I am grateful for the opportunity to make a difference in the lives of individuals who face disparities and hardships. The experience was fulfilling and boosted my sense of purpose and satisfaction. It emphasized my reasoning for becoming a nurse.*



## INTERPROFESSIONAL EDUCATION AND PRACTICE

The clinic's emphasis on experiential learning offered students from various disciplines the chance to work together as a collaborative team, providing both community service and valuable learning experiences.

This team approach enabled us “to plan, deliver, and evaluate patient/population-centered care and population health programs and policies that are safe, timely, efficient, effective, and equitable” (IPE Collaborative, 2016).

Our IPEP students represented a wide range of disciplines, including social work, nutrition, medicine, dentistry, pharmacy, health education, language interpretation, mental health, and Medicaid Expansion.

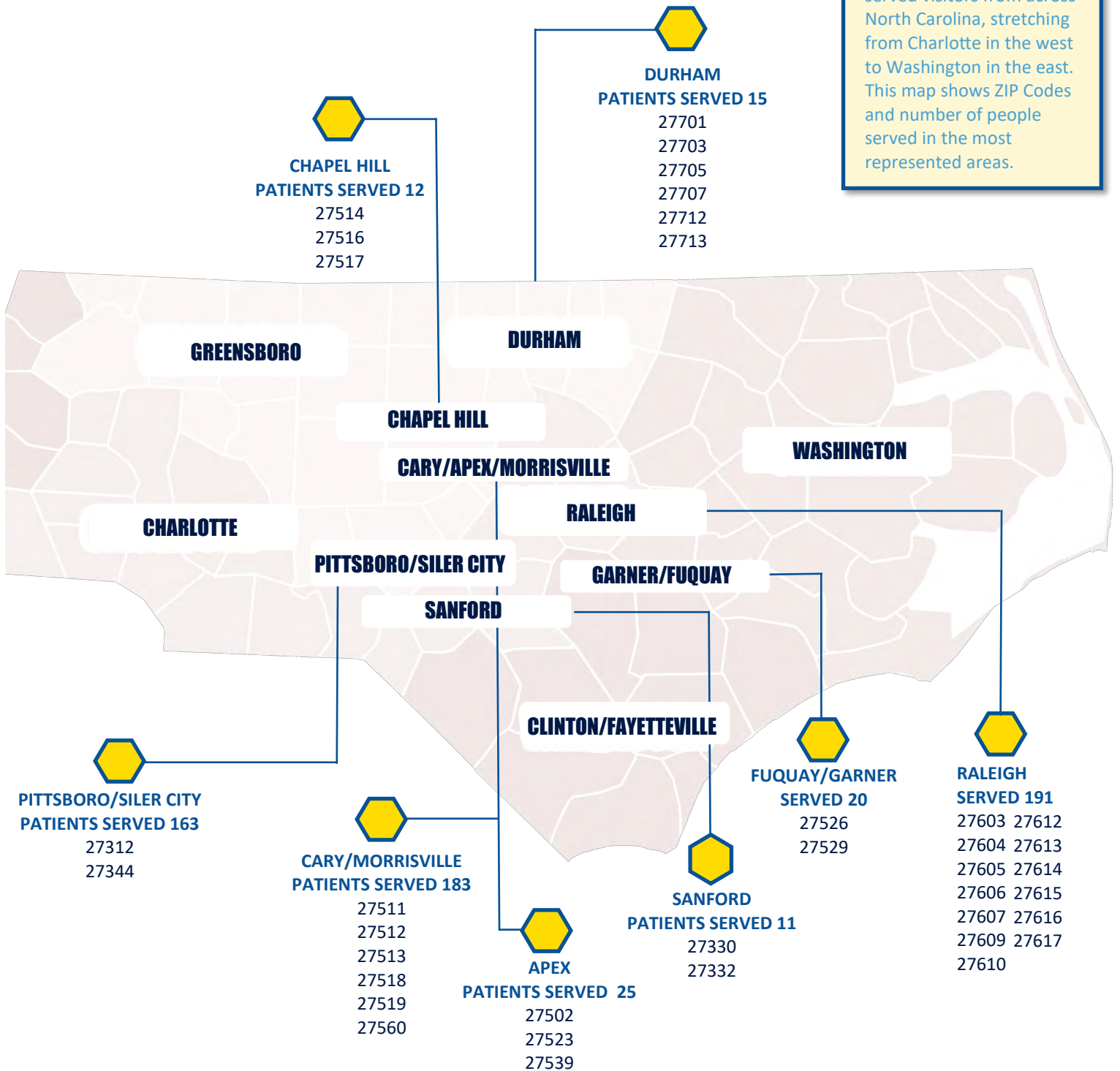
## ACADEMIC PROGRAM HIGHLIGHTS

- Educated over 80 students in 2023, focusing on health equity in our communities.
- Enrolled 16 undergraduate nursing students in the public health course, with rotations through Chatham County at our CORA site.
- Had 35 graduate and undergraduate students volunteer with our clinic through NURS 601.
- DNP & MSN 994 & 992 graduate scholarly projects/practicums provided solutions to community issues.
- Students' projects addressed social determinants of health, behavioral health, human trafficking, diabetes, and breast cancer screenings.

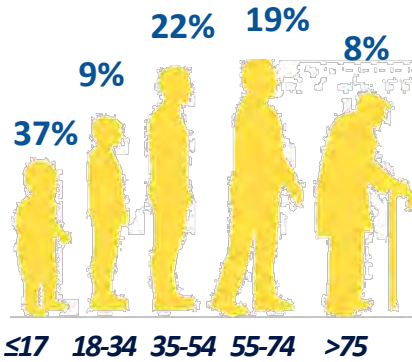


# WAKE COUNTY AND BEYOND

The UNC School of Nursing Mobile Health Clinic has served visitors from across North Carolina, stretching from Charlotte in the west to Washington in the east. This map shows ZIP Codes and number of people served in the most represented areas.



# 2023 VISITOR DEMOGRAPHICS



## AGE

## ETHNICITY

**56%**

Identify as Hispanic.

**39%** White

**23%** Other

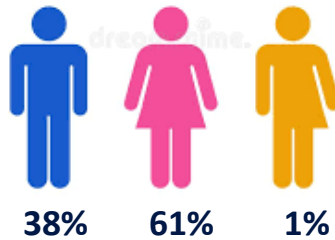
**17%** Black/African American

**3.1%** Asian

## RACE

**11**

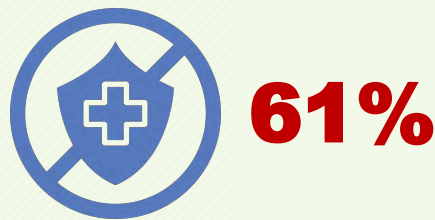
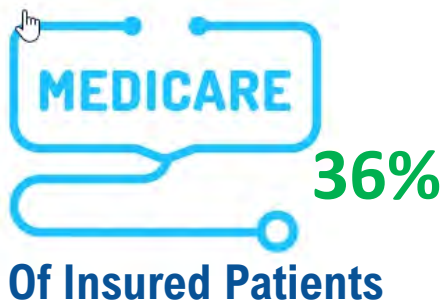
Different languages were spoken by our patients, who we served via translation apps



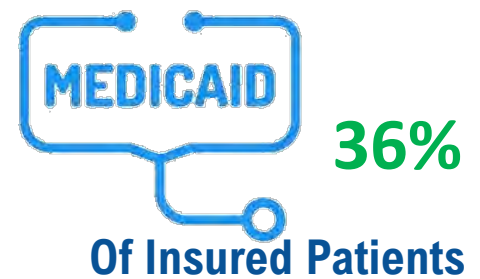
## GENDER

**17%**

Were experiencing food insecurity and were connected to local food pantries



## UNINSURED



**10%**

Indicated that lack of transportation kept them from attending health care appointments or meetings



## UNEMPLOYED

**13%**

Were experiencing housing insecurity and were referred to appropriate community resources



# 2023 VISITOR HEALTH STATUS



**15%**  
Borderline  
High  
Cholesterol



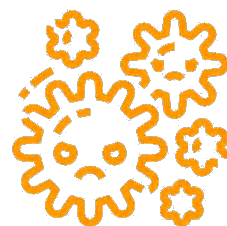
**Had Prediabetes**



**42%**

Of visitors indicated that they were not physically active

**HIGH TRIGLYCERIDES**



**31%**  
Of Patients  
Tested



**14%**  
(120-129)  
and (<80)  
Elevated

**30%**  
(130-139)  
or (80-89)  
Stage 1

**10%**  
(>140)  
or (>90)  
Stage 2

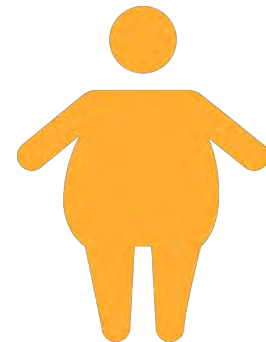
**5%**

Identified as smokers.  
Smoking cessation resources were offered to those interested



**HIGH**  
**5%** 10-Year  
**82%** 30-Year

**20%**



**25%**  
**Overweight**

**31%**  
**Obese**

**17%**

Of patients screened were at risk of developing diabetes. These individuals were counseled on lifestyle and dietary changes

**434**

Patients screened for depression. Those with a positive PHQ 2 were connected to mental health resources



# ADVISORY BOARD



**Marianne Cockroft**  
Associate Professor  
UNC School of Nursing



**Jean Davison**  
Associate Professor  
UNC School of Nursing



**Shannon Aymes**  
Assistant Professor of Medicine  
UNC Department of Medicine



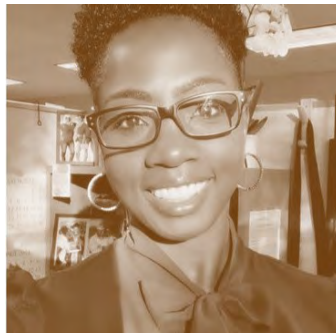
**Inés Freile**  
Program Coordinator  
Taylor Family YMCA



**Kate Gray**  
Director of Development  
UNC School of Nursing



**Johanne I. Laboy**  
Adjunct Assistant Professor  
UNC Chapel Hill



**Twanda Smith**  
Executive Assistant  
NC Natural Resources



**Jill Straight**  
VP Community Services/Advocacy  
Dorcas Ministries



# 2023 FINANCIAL REPORT

## Statement of Activities

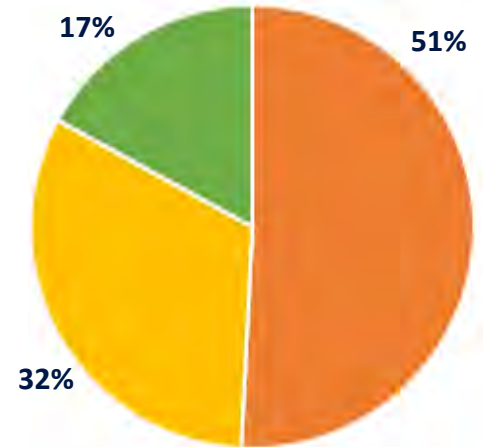
REVENUE		
Donations/Gifts/Trusts (N5026)	\$	32,262.78
AHEC Grant (Davison—NCDVA)	\$	20,437.40
SON In-Kind (N5035)	\$	10,805.74
<b>Total Revenue</b>	<b>\$</b>	<b>63,505.92</b>

## EXPENSES

<b>Donations/Gift Trust (N5026)</b>		
Communications	\$	1,323.28
Personnel	\$	2,189.80
Insurance	\$	976.00
Registration/Dues/Licenses	\$	407.99
Supplies	\$	2,946.42
Service Contracts	\$	1,000.00
AHEC (NCDVA)		
Payroll / fringes	\$	15,168.08
Supplies	\$	4,697.07
Travel	\$	572.25
<b>SON In-Kind (N5035)</b>		
Payroll / fringes	\$	10,805.74
<b>Total Expenses</b>	<b>\$</b>	<b>40,086.63</b>

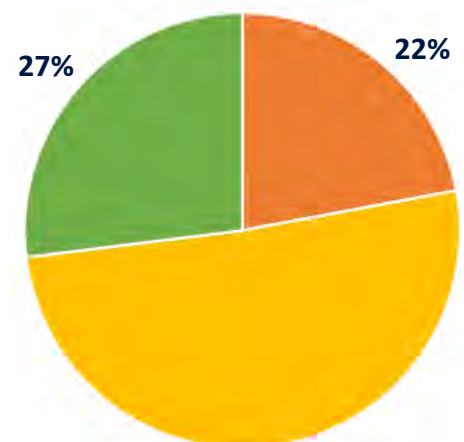
<b>Net Assets</b>	<b>\$</b>	<b>23,419.29</b>
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## REVENUE



- Donations/Gifts/Trusts
- AHEC
- SON In-Kind

## EXPENSES



- AHEC
- SON In-Kind
- Donations/Gifts/Trusts

# THANK YOU TO OUR SPONSORS, GRANTORS, AND DONORS

## \$20,000 - \$25,000

Area Health Education Center



## \$10,000 - \$14,999

FIGS of Wake County, Inc.  
Foundation Grant UNCCH



**FIGS**  
FILLING IN GAPS  
PRESCRIPTION ASSISTANCE

## \$1,000—\$5,000

Church of the Holy Family  
Compassion Med International  
Faith Junghahn Shaw  
Tyler M. Osborne



## Up to \$999

Alpha Alpha Chapter Sigma Theta  
Jill H. Straight  
Francine D. Davis  
Gale Adcock  
Lauren E. Jones  
Jennifer R. Shoaf  
Myra A. Gebbie  
Philomina L. Williams  
Charlton A. Smith  
Elizabeth M. Watson  
Lisa S. Haik  
Michele S. Shearer  
Rita M. Davison





# AND THANK YOU TO OUR DEDICATED VOLUNTEERS

## ADMINISTRATIVE TEAM

Marianne Cockroft, PhD, RN  
Jean Davison, DNP, FNP  
Johanne Laboy, PhD, MBA  
Leslie Sharpe, DNP, FNP  
Leigh Mullen, DNP, FNP

## VOLUNTEER FACULTY

Carol Baker, PhD, RN  
Sara Hubbell, DNP, FNP, PMHNP  
Maria Orsini, EdD, RN  
Sonda Oppewal, PhD, RN  
Kathy Malarkey, RN  
Julie Page, EdD, RN

## CLINICAL VOLUNTEERS

Carolyn Facemire, RN  
Swapna Gangasani, MD  
Rebecca Harris, RN  
Nighat Zahoor Khan, MD  
Cyan McFarland, MD  
Lelia Moore, RN  
Yuki Ono, CNA  
Mary Susan Moss, RN  
Maria Thompson, AGNP  
Sally Williford, MSN, RN

## COMMUNITY AT LARGE

Millie Maritnez  
Marcos Negrete  
Marisol Paren  
Anneke Oppewal  
Marisol Garcia  
Carl Schick  
Judy Sperling-Newton

## STUDENTS

### Spring 2023

Amen, Karen  
Arvizu-Benavidez, Lizbeth  
Barnes, Jasmine  
Brown, Madeline Newbold  
Burden, Kerry Elizabeth  
Carleton, Zach  
Carter, Kevin Franklin  
Chang, Ashley Lauren  
Cordoba Medina, Sandra  
Viviana  
Dang, Tammy  
Fitzpatrick, Claire  
Gregg, Annika  
Heath, Elena Camille  
Henderson, Zoe Elizabeth  
Holmes, Madelyn Elise  
Idol, Janet Lenora  
Jimenez, Nic  
Johnson, Brooke Sierra  
Krupnick, Katie Caroline  
Mangum, Ashley Taylor  
Martinez, Celenia Bernadette  
Morgan, Ta'jalik Na'zeer  
Neufang, Katherine Elizabeth  
Nguyen, Kelly  
Nicol, Sarah Jane Bigelow  
Patterson, Lindsay Ann  
Redmon, Aaron Walter  
Sangamanarayanan, Archana  
Sessler, Katrina Rose  
Sumlin, Jordan Elyse  
Weiner, Jaime Alysse  
Wilkins, Courtney Blessed  
Destiny  
Willingham, Sarah Elizabeth  
Wood, Madeleine  
Yencho, Madelyn G  
Zhao, Shangyu

### CORA

Boggs, Molly Annali Wei  
Christie, Carrie Lynn  
Garcia, Brian Antonio  
Graca, Connor Joseph  
Inscoc, Victoria Ashley

Magpoc, Kharla  
Mccoy, Alexander  
Mullins, Allison Michelle  
Nguyen, Tyna  
Privette, Noah Ethan  
Russell, Grace Elisabeth  
Small, Kira E  
Smith, Kayla  
Torres, Jessie  
Wood, Madeline  
Ziermann, Keeley

### Summer 2023

Brown, Madeline Newbold  
Cooper, Gabrielle Eve  
Cordoba Medina, Sandra  
Viviana  
French, Yajun L.  
Gregg, Annika  
Gutierrez, Victoria  
Hinson, Abigail Rose  
Lamb, Kelsie Elizabeth  
Lever, Alicia S  
louka, camelia  
Price, Emilie Rose  
Sangamanarayanan, Archana  
Smith, Kayla  
Yow, Kelly M

### Fall 2023

Brouse, Tara Catherine  
Burden, Kerry Elizabeth  
Carcano, Joaquin  
Chang, Ashley Lauren  
Cooper, Gabrielle Eve  
Cordoba Medina, Sandra  
Viviana  
Dickens, Tashauna  
French, Yajun L.  
Gonzalez, Melina Adamari  
Graves, Fiona Catherine  
Gregg, Annika  
Guertin, Mikaela Kathryn

Hammer, Jean  
Idol, Janet Lenora  
Khanderia, Aveena A  
Kilpatrick, Mollie Pierce  
Lamb, Kelsie Elizabeth  
Lee, Yeeso  
louka, camelia  
Mayfield, Eli Haddon  
Mcdow, Morgan Alexis  
Morton, Amelia  
Moss, Mary Susan  
Oliver-Loftin, Ashley  
Price, Emilie Rose  
Prolman, Alex  
Quade, Rachel Helena  
Quiroz, Alexa Denise  
Revis, Kara Nicole  
Rigau, Pedro  
Rosa, Brenda Lais  
Tamayao, Jacqueline Amanda  
Thomas, Alyssa Grace  
Weller, Madison Marie  
Williams, McKayla Ann

### CORA

Akinyemi, Christiana  
Brinkman, Megan  
Bruton, Solomon  
Dixon, Abigail  
Downing, Kat  
Esposito, Emily  
Holloway, Melissa  
Kuenzli, Kaitlin  
Lopez-Trejo, Alondra  
Mcfarland, Kayla  
Rose, Lucy  
Salloum, Madison  
Shin, Hyein  
Smith, Augusta

UNC SCHOOL OF NURSING

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**MOBILE  
HEALTH  
CLINIC**

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A NURSE-LED PRACTICE

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