

# ANNUAL REPORT 2018



## GRANVILLE VANCE public health

At Granville Vance Public Health (GVPH), we prevent disease and promote good health across the lifespan, across the community, and through policy and environmental change, so that making healthy choices becomes easier for everyone. GVPH offers the highest level of quality in our preventive and clinical care, environmental health services, and health promotion efforts.

In addition to our whole-person individual-level clinic care that offers patients the opportunity to visit with our doctors and nurses and behavioral health specialists, we see entire communities as our patients too. We assess our community regularly to determine the priorities we act on.

Public health recognizes the many factors that influence health and we cannot do this work alone. We work in collaboration with new and long-time partners in the community toward the common goal of healthy behaviors and a greater quality of life for all.



GVPH Staff at Oxford location



GVPH Staff at Henderson location

### Our Vision

Inspiring a culture of health by improving your environment, your community and your health



### Our Mission

Protect and promote health in Granville and Vance counties



### Our Values

Collaboration, community, compassion, diversity, flexibility, integrity, quality, and respect



## Making an Impact in Rural North Carolina

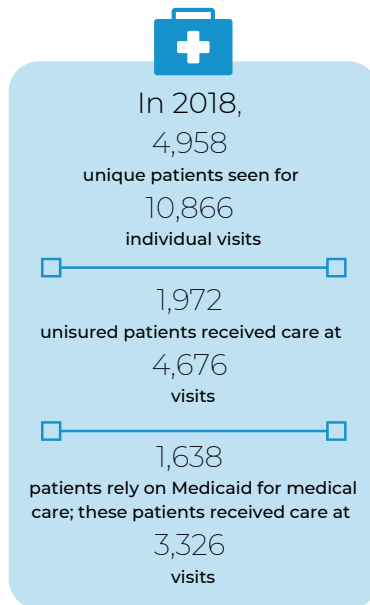
Granville Vance Public Health is a rural, academic health department. GVPH works to translate research into practice to protect and promote the health of its residents and to connect the northern Piedmont region to evidence-based programs and partnerships that bring new resources to the area. Every day, GVPH staff work to elevate the practice of local public health by bringing innovative approaches to address community health needs alongside essential public health services and proven strategies for improving health outcomes.

## Working in Partnership

GVPH works with a variety of partners in local government, academia, and local human services agencies. We depend on partners who address the economic development, education, transportation, food security, and housing needs of the communities we serve. Academic partners help provide **capacity** to our underserved region, guide the use of evidence-based strategies and appropriate modifications to suit our rural population, and document the impact and outcomes of the work we do.

## Primary Care

GVPH offers primary care to all adults and children, insured and uninsured. We offer everything from sick visits to chronic disease management, well child visits, and sports physicals. By offering comprehensive services to our clients, we can ensure appropriate follow up and truly be our patient's medical home. We are proud to offer care that is evidence-based and judgement-free.



## Key Strategies



### Systems Thinking

*"Every system is perfectly designed to get the results it gets."*  
-Peter Batalden



### Quality Improvement & Systems Change

*"We cannot solve our problems with the same thinking we used when we created them."*  
- Albert Einstein



### Science & Art of Public Health

*"The health of the people is really the foundation upon which all their happiness and all their powers as a state depend."*  
- Benjamin Disraeli

## Providing Comprehensive Clinical Care

Granville Vance Public Health provides a range of services through clinics in Oxford and Henderson.

- Primary care
- CenteringPregnancy® group prenatal care
- Breastfeeding promotion and support
- Child health
- Family planning
- Immunization
- Communicable disease services

## Medication Assisted Treatment

GVPH was the first health department in North Carolina to offer medication assisted treatment (MAT) to treat individuals addicted to opioids. Dr. Shauna Guthrie, GVPH Medical Director, leads this program, using a chronic disease treatment model to provide comprehensive healthcare to those with opioid use disorder. By providing regular visits with a healthcare provider and linking individuals to behavioral healthcare and support resources, MAT reduces the risk of drug overdose and disease transmission and provides a proven solution to the opioid crisis.

## Environmental Health

A healthy environment is central to increasing quality of life and years of healthy life. Poor environmental quality has its greatest impact on people whose health status is already at risk. Each member of the team is responsible for inspections for a number of specialty areas over 800 square miles. In 2018, the food and lodging team monitored 706 facilities. Our Environmental Health Specialists also provide permits for wells and septic systems across both Granville and Vance Counties. The on-site team issued 388 septic permits, 260 well permits, and collected 461 water samples last year.

### GVPH Environmental Health Inspects

- Restaurants
- Residential Care Homes
- Swimming Pools
- Daycare Centers
- Hospital and School Cafeterias
- Tattoo Parlors

# Financial Reporting

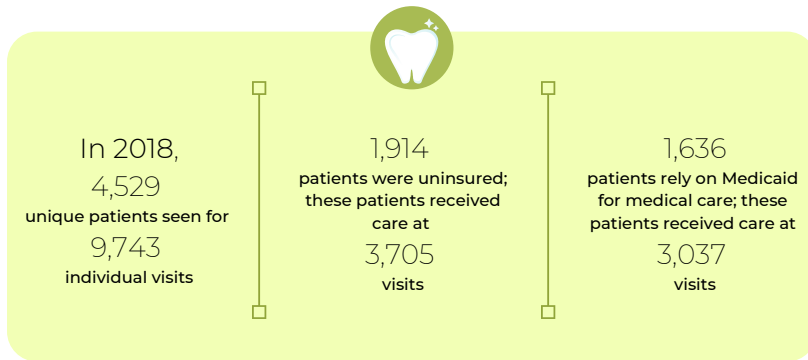
*Maintaining Essential Services in a Changing Health Care Landscape*

The more funds that GVPH receives, the more services and resources we can provide to the community. We have worked hard to partner with local, state and federal entities that can support and expand community health efforts in Granville and Vance counties. During our last fiscal year, GVPH managed over \$2,500,000 in grant funded projects. These funds help us support valuable community-based projects in both counties while also maintaining critical staffing. These grant dollars are essential to ensuring evidence-based care and health promotion practices extend into rural communities in Granville and Vance counties.

GVPH Revenue	FY 2017	FY 2018
County appropriation	\$1,150,963	\$1,310,000
Federal & state grants	\$2,124,149	\$2,512,794
Fees and fee reimbursements	\$1,631,129	\$1,198,175
Other revenue	\$1,078,024	\$1,040,918
<b>Total</b>	<b>\$5,984,265</b>	<b>\$6,061,887</b>

GVPH Expenses	FY 2017	FY 2018
Administration	\$633,857	\$802,777
Environmental health	\$633,228	\$625,819
Dental	\$0	\$476,085
Home health	\$1,086,343	\$423,187
Other human service	\$3,718,961	\$426,853
<b>Total</b>	<b>\$6,072,389</b>	<b>\$6,592,721</b>

## Carolina Fellows Family Dentistry



Oral health affects general health as oral disease causes considerable pain and suffering, often changing what people eat, their speech and their overall quality of life. In 2018, Granville Vance Public Health expanded to include a dental clinic. Carolina Fellows Family Dentistry serves the entire family, including children, adults and seniors. The staff is trained to provide preventive, restorative, and emergency services in a timely, caring and affordable manner. The clinic accepts Medicaid, NC Health Choice and private insurance. A sliding fee scale is available for individuals without dental insurance who meet the eligibility criteria.

## Preparing for a New Model for Health Care

*Responding to NC's Medicaid Transformation*

In 2015, the NC General Assembly passed legislation for our state to transfer the direct management of certain Medicaid health services to private corporations or Pre-Paid Health Plans (PHPs). The actual transfer, or "transformation" from a public system to a private one, is taking place in Granville and Vance Counties in February 2020. North Carolina envisions Medicaid Transformation as an opportunity to establish a whole-person-centered, well-coordinated, and sustainable system that improves population health.

Granville Vance Public Health is preparing for this big change in how public health conducts patient care in a number of ways. As Medicaid Transformation happens, there will be opportunities to apply for a Healthy Opportunities Pilot that aims to find new ways Medicaid dollars can help pay for health outcomes beyond paying for medical care in a clinical setting. We are already working together with community-based organizations and small businesses to address factors that affect our health outcomes including: transportation, food security, housing, and inter-personal violence and trauma.

We look forward to trailblazing a new path forward for North Carolinians to access the resources necessary for a healthy life within our rural region. Together, we hope to learn how to optimize our spending of medical dollars to address community needs with compassion and creativity.



2018 NCDHHS site visit from State Health Director Betsey Tillson, Chief Policy Officer Walker Wilson, Policy Advisor Karen Wade, Rural Health Director Maggie Sauer, and NCDHHS Deputy Director Beth Lovette

# Women, Infants, and Children (WIC)

WIC, the Special Supplemental Nutrition Program for Women, Infants, and Children, is the nation's most successful and cost-effective public health nutrition program. It provides nutrition education, benefits for wholesome food, and community support to income-eligible women who are pregnant and post-partum, infants, and children up to five years-old. WIC participants receive nutrition education through one-on-one counseling with a nutrition professional in person or online. The education is interactive and tailored to meet the participant's needs. The program has transitioned to an electronic WIC benefit system called eWIC, which utilizes an eWIC card that enables the participant to access their families' food benefits at an approved WIC vendor. The monthly food value per participant averages \$41.24. Income eligibility for WIC is determined by household income. Those who receive SNAP benefits, Medicaid, or Temporary Assistance for Needy Families (TANF) meet the income eligibility for WIC.

## Child Health

GVPH preventive health services are offered to children from birth to 21 years of age. Services are provided through newborn home visits, well child visits, and pediatric primary care clinics.



GVPH's Child Health Program conducted

1,346

visits for

799

children in 2018

Children are seen for their annual wellness exams based on the recommendations and guidelines of the American Academy of Pediatrics. Routine screenings and health guidance are provided by highly trained nursing, medical, social work, and nutrition staff. During these visits, children's vision, speech, hearing, and development can be screened. Additional evaluations for anemia risk, lead poisoning and lipid profile are based on age and risk assessment. Children can also be seen for acute or chronic conditions within our Pediatric Primary Care clinics. Care is coordinated to meet treatment and overall wellness needs.



GVPH served

2,246

WIC participants

6,559

visits to provide nutrition education to women and caretakers of infants and children in Granville County

9,394

visits to provide nutrition education to women and caretakers of infants and children in Vance County

52.7%

of Granville County WIC participants initiated breastfeeding with their newborn babies between July 1, 2017 – June 30, 2018

WIC food benefits totaled

\$683,791.91

in Granville and Vance Counties in 2018. This money supports local business while ensuring that women, infants, and children have access to healthy food options

The Family Planning Program conducted

2,247

visits for

799

individuals

The Maternal Health Program conducted

1,432

visits for

508

individuals

11

CenteringPregnancy® groups with

66

women participating in CenteringPregnancy® group prenatal care

## Women's Health Services and CenteringPregnancy®

GVPH's Women's Health Services includes the Family Planning and Maternal Health Programs. GVPH provides family planning counseling, clinical services, including long-acting reversible contraceptives to residents at little to no cost.

CenteringPregnancy® brings 8-10 women all due at the same time together for group prenatal care. It is our evidence-based standard of care for all expecting moms, with groups offered in English and Spanish in both Granville and Vance counties. Providing care in this way allows moms and providers to get to know each other on a much deeper and meaningful level. Benefits include better health outcomes, moms more engaged in their own healthcare, more time with providers, increased self-confidence, support, friendship, and fun!

# Creating a Culture of Health

*A New Charge for Public Health*

Public health practice is as much about convening community and changing systems as it is about providing respectful, trauma-informed care to individuals – we value both of these roles in Vance and Granville Counties. As chief health strategists, it is important for us to think differently about the ways we can affect entire systems and make health more equitable. Our role as public health practitioners is to bring partners together from various fields to address community health needs and provide expertise in data and grant writing.

The Health Promotion & Wellness team works to address community needs by simultaneously advancing policies and environments that support healthy choices and engaging individuals through outreach and education. The team collaborates with community stakeholders to plan and implement sustainable evidence-based interventions geared toward improving health outcomes.

## Communicable Diseases

- HIV Testing & Counseling
- Sexually Transmitted Disease Testing & Treatment
- NC Reportable Disease Surveillance & Investigation
- Tuberculosis Testing & Monitoring
- Animal Bite Reporting & Rabies Surveillance

Because communicable diseases can have so much impact on the population, the surveillance and control of such diseases is an important part of protecting the public's health.

GVPH Communicable Disease Nurses are responsible for following up on the initial notification of a reportable disease and beginning an epidemiologic investigation. Responsibilities of communicable disease nurses include:

- Collecting demographic, clinical, epidemiologic and sometimes case contact information
- Verifying that reported cases meet the reporting requirements
- Assuring that affected individuals and their contacts have received appropriate treatment.

### Immunizations



4,104  
immunizations given to  
2,629  
individuals



1,815  
immunizations given to  
740  
children and adolescents  
under 18 years of age



2,046  
flu vaccines given



### Highlights of this work include:

Using the Community Health Assessment to determine our priorities for action

Advancing child health and preventing child obesity in Granville County through the Working on Wellness (WOW) Coalition

Implementing the Coordinated Approach To Child Health (CATCH) program in all elementary schools within Granville County Public Schools

Engaging law enforcement, jail administrators, public health, behavioral health systems to reduce the number of individuals with mental health issues in county jails across a 5 county area

Sustaining funding and organizational support for our teen pregnancy prevention program in Vance County

Building and expanding systems of care for families of children and youth with special healthcare needs to address needs related to education, screening, and patient-centered medical homes

Providing prescription drug take back events, facilitating access to naloxone – the opioid overdose reversal drug – and sending regular Opioid Action Updates to help the area respond to the opioid epidemic

Offering Diabetes Prevention classes in both English and Spanish, which are proven to help people with prediabetes prevent or delay development of type 2 diabetes



GVPH Communicable Disease  
nurses conducted

1,948  
case investigations during  
the past fiscal year

## Community Health Assessment

*Identifying Important and Actionable Community Health Priorities*

Every three years, Granville Vance Public Health conducts a Community Health Assessment (CHA) to collect community health information and to prioritize top community health issues. The CHA is the official way that public health investigates and diagnoses our patient - the whole community. GVPH conducted the 2018 Community Health Assessment for Granville and Vance Counties in partnership with the NC Institute of Public Health, Triangle North Healthcare Foundation, and a CHA Steering Committee.

### Priority topic areas examined in the CHA included:

- **Access to health care**
- Community safety
- Education, health equity
- **Mental health and substance use disorder**
- Nutrition and physical activity
- Poverty and housing
- Teen pregnancy and sexually transmitted infections
- **Youth well-being**

### Top three community health priorities

Over the course of nine months, the group gathered information directly from community residents through door-to-door surveys and reviewed existing county, state, and national data.

Poverty and health equity were identified as cross-cutting themes to be addressed through each priority area.

## Accreditation with Honors

*Demonstrating a commitment to providing quality essential public health services*



The NC General Assembly established an accreditation system for local health departments to review the capacity of each health department to perform core functions and provide essential services. Granville Vance Public Health was recognized as an accredited health department with honors in December 2017. Local health departments receiving the honors designation excelled in their accreditation assessment, missing one or less activities within each of the 5 standards set by the NC Local Health Department Accreditation program – a total of 148 activities!

The next re-accreditation assessment for GVPH will occur in Fall 2021.

## Responding to Adverse Childhood Experiences

*Creating Healthy and Resilient Communities*

Adverse childhood experiences, or ACEs, are traumatic experiences that occur early in life such as physical neglect and abuse, having a parent in prison, or living with someone abusing alcohol or drugs. When children experience adverse experiences early in life, toxic stress damages kids' developing brains and influences the risk of long-term health consequences, including heart disease and several types of cancer. Extensive research shows that ACEs create chronic unrelieved stress that affects central nervous system functions, while coping mechanisms, like smoking and overeating, provide short term releases, but have major long-term impacts on health.

Much more must be done to address health issues tied to chronic adversity, beginning in childhood. GVPH is working with local schools, social services, and the Triangle North Healthcare Foundation to educate our communities about the effects of ACEs and the impact of toxic stress on children's developing brains and bodies. Building local awareness of the need for trauma-informed services will help families engage in services to lessen the impact of toxic stress.

## Granville Vance Public Health Board of Health

Granville Vance Board of Health members provide a tremendous service to their communities. Our Board of Health supports and advocates for public health practice in Granville and Vance counties. Volunteering their time to serve a multi-county district health department requires more responsibilities than individual county board members. They ensure budget sustainability and review policy while keeping the best interest of individuals and families across multiple communities in mind.

### 2019 Board of Health Members

Mr. Gordon Wilder (Chair)	Ms. Jackie Sergent
Mr. Zelodis Jay (Vice Chair)	Ms. Dianne Kapherr
Dr. Robert M. Currin	Dr. James O. Goodwin
Ms. Julia Falkner	Ms. Lisa Rotolo
Ms. Alice Overton	Dr. Bridget Waters
Ms. Phyllis Stark	Mr. Steve Wilson
	Ms. Caroline White



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