

# Public Health

*Greene*

*County*

## *2017 Annual Report*



- Construction Began on New Public Health Facility, June 2017
- First Year of ServSafe® Training a Great Success
- Greene County Community Health Improvement Plan Now Available
- Safe Communities Coalition Makes Big Gains in Teen Seat Belt Use
- Accreditation...The Journey Continues



**Public Health**  
Prevent. Promote. Protect.  
**Greene County**

***Your Trusted Local Public Health Authority Since 1920***

**Melissa Howell, MS, MBA, MPH, RN, RS**  
Greene County Health Commissioner



*A Look Back...And Looking Forward.*

In just a short paragraph, it is hard to convey all that public health does to keep our community informed, educated and protected from poor health outcomes and disease threats every single day. Our residents can be proud of the hard work our team members provided in 2017 and our public health leaders are some of the most respected and dedicated professionals in the field. 2017 brought Greene County Public Health closer to achieving the goals set forth in our 2015-2018 Strategic Plan, so I am pleased to share the notable success stories from 2017.

- Drug use and overdoses were an ongoing concern for our community and we infused the community with Narcan kits and implemented a program to combat the spread of diseases like Hepatitis C.
- Other diseases we responded to included influenza, Zika, Campylobacter, West Nile Virus, scabies, shigella and norovirus.
- We submitted all documentation required by a public health accreditation board. A decision will be made about our application in 2018.
- Construction on a new 28,500 square foot health district facility began.
- We found a way to provide sustainable funding for and expand healthcare services to individuals who have poor access to physicians, medicine and behavioral health services. The health district programs for prenatal, child and adolescent, dental, immunization and reproductive health are now operated by Five Rivers Greene County Health Center. The center is co-located with the health district.
- Early Intervention, Tuberculosis, Children with Medical Handicaps, and Environmental programs moved to electronic record storage.
- Scott Filson completed his third year as President of the Board of Health. J. Andrew Root was selected as his successor. Training was provided to Board members at monthly meetings. The City of Xenia appointed Tamisha Samiec to fill the unexpired term of June Johnson. Mrs. Johnson's years of service were recognized by the Board.

**2017 Board of Health**

Scott Filson, President.....MAL	Andrew Root.....Beavercreek
William O. Beeman.....Bellbrook	Tamisha Samiec, MD.....Xenia
Scott Hammond.....MAL	Kathy Saunders.....MAL
Elaine J. Hughes.....Xenia	Thomas L. Selden.....MAL
June Johnson.....Xenia	Nancy Terwoord.....Fairborn
Melvin Johnson, PhD.....MAL	Teresa W. Zryd, MD.....Fairborn
Sharon Christman.....MAL	
Charlene Montague.....Beavercreek	

*MAL=Member at Large*

**District Advisory Council**

*2017 Officers: Chris Mucher, Chair; Nadine Daugherty, Secretary*

Greene County Public Health serves the townships, villages and contract cities of the county. The chief executive of each of the villages, the president of the Greene County Board of Commissioners and the chairperson of each township's board of trustees are the designated members of the District Advisory Council. They are required by law to meet annually in March, and their statutory powers and duties include selecting board of health members, considering special reports from the board of health and reviewing the health district's budget.

*Serving more than 160,000 residents every day, including:*

- Bath Township ● Beavercreek ● Beavercreek Township ● Bellbrook ● Bowersville
- Caesarcreek Township ● Cedarville ● Cedarville Township ● Clifton ● Fairborn
- Jamestown ● Jefferson Township ● Miami Township ● New Jasper Township
- Ross Township ● Silvercreek Township ● Spring Valley ● Spring Valley Township
- Sugarcreek Township ● Xenia ● Xenia Township ● Yellow Springs

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**Senior Staff**  
Health Commissioner

*Melissa Howell, MS, MBA, MPH, RN, RS*

**Medical Director**  
*R.P. Dillaplain, MD*

**Community Health Services**  
*Robyn Fosnaugh, RN, MPH*

**Environmental Health Services**  
*Jeff Webb, RS, MPH*

**2017 Employees**

Shadrick Adams, Michele Anderson, Kirsten Bean, Angela Berry, Brenda Black, Don Brannen, Bob Brooks, Susie Brooks, Karen Burchfield, Kim Caudill, Joleen Channels, Nancy Cohen, Scott Collins, Juanita Davis, Carla DeBrosse, Jillian Drew, Becky Dunbar, Tish Faler, Robyn Fosnaugh, Laurie Fox, Jeanette Ghand, Jackie Gruza, Julie Hahn, Brenda Hamilton, Pam Hamer, Melissa Howell, Geraldene Huffman, Mark Isaacson, Sarah Jensen, Nancy Kessinger, Debbie Langston, Tonja Lively, Bonnie Magato, Susan Martin, Jane McClelland, Lisa Myers, Teresa Myers, Deirdre Owsley, Kevin Ploutz, Laura Prater, Joyce Price, Christine Propes, Jared Redmond, Shernaz Reporter, Jennifer Reynolds, Tara Robertson, Mindy Saunders, Rick Schairbaum, Amy Schmitt, DJ Shontz, Larry Sites, Ashley Stevely, Kim Sullivan, Apryl Taylor, Amber Vance, Linda VanTress, Elizabeth Varvel, Molly Vaught, Karen Ward, Jessica Warner, Jeff Webb, Jamee Wellman, Deb White, Julie Wickline, Sheryl Wynn

*When "I" is replaced by "We", even Illness becomes Wellness. -Malcom X*

## Accreditation...The Journey Continues

We are still engaged in the multi-year process of seeking accreditation which officially began in 2016. We began laying the ground work for this in 2014. The Public Health accreditation program was established to provide a measurement of health department performance against a set of nationally recognized standards. On November 28, 2017, Greene County Public Health submitted 327 documents to the Public Health Accreditation Board (PHAB). Our staff worked tirelessly in teams to prepare the required documentation in conformity with the PHAB standards and measures!

A Site Visit team of public health professionals from outside of the state will be reviewing the documentation and will also conduct a two-day on-site visit in 2018. We anticipate a decision from PHAB before the end of 2018. This gets us a step closer to meeting the Ohio Department of Health's (ODH) requirement that all Ohioans be served by a local health district which is accredited through the Public Health Accreditation Board by 2020.



*Ashley Steveley and Sheryl Wynn,  
Accreditation Coordinators*

## Greene County Community Health Improvement Plan (CHIP)

In November of 2017, after a yearlong collaborative process with various community stakeholders representing education, healthcare, social services, business, government, and many other areas of the community, a Community Health Improvement Plan (CHIP) was developed for Greene County. This plan includes four health priority areas: Chronic Disease, Mental Health & Substance Abuse, Maternal & Child Health, and Injury Prevention. The aim is to reduce obesity, reduce opioid overdose deaths, increase mothers seeking care while pregnant, and reduce fall related deaths for older adults. Community members implementing this plan envision a vibrant health conscious community concerned with preserving the environment, where all people are informed, have equitable opportunity, and are empowered to access what they need to be healthy. WE NEED YOU! You can join us in this important work by:

- 1.) Reading the Community Health Improvement Plan on our website at [www.gcph.info/about-us/accreditation](http://www.gcph.info/about-us/accreditation)
- 2.) Sharing your ideas and feedback by emailing us at [asteveley@gcph.info](mailto:asteveley@gcph.info) or calling 937-374-5624
- 3.) Getting involved in one of the priority workgroups
- 4.) Thinking about ways you can improve your health and the health of our community

## Construction REALLY Began in June 2017



In June 2017, we started construction of a new health district facility. It's been 43 years since the health district moved to the current location, so it's exciting to see the future site progressing! The construction project is a reflection of several years of planning done with the Greene County Board of Health and the leaders of the health district. The new facility is a two story building with 28,500 square feet of space. The construction and associated costs are approximately \$7.8 million dollars, made possible with no increase in tax dollars. A \$6,000,000 bond was acquired from the Greene County Port Authority to fund the project. The layout helps facilitate our ability to meet our mission. The building was designed with the community in mind with several services provided on the first floor including Vital Statistics and WIC. There will be easy access on the ground floor for environmental permits in programs that protect our community from disease and hazards. Five Rivers Greene County Health Center is located on the first floor, too. The second floor houses public health

professionals responding to and working to prevent and control the spread of diseases in our community. You remember their names... anthrax, smallpox, tularemia, botulism, or more recently H1N1, West Nile Virus, SARS, Ebola, and Zika. The space will be flexible, allowing maternal child health professionals to coordinate programs that promote health in families. Home Visiting, Early Intervention and Children with Medical Handicaps identify children and families at risk for poor health outcomes. These families face enormous challenges due to poverty, or needs in housing and transportation; who may have medical or developmental conditions, poor nutrition, or lack access to healthy food choices. There is adequate space for our inspectors to plan and hold trainings, and can you say... CONFERENCE ROOMS?!

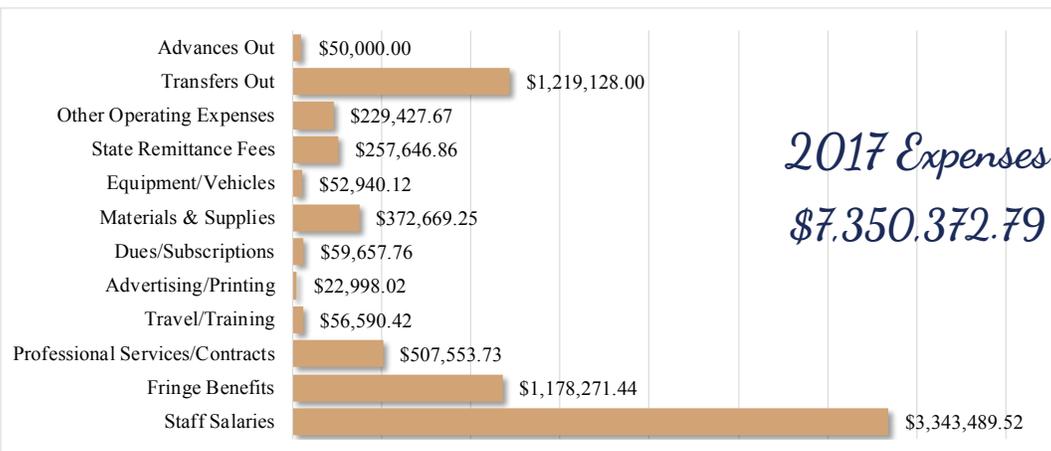
*This is a color rendering of what the building will look like when it's complete. \*\*MOVING DATE: JUNE 2018\*\**



## Maintaining Financial Stability



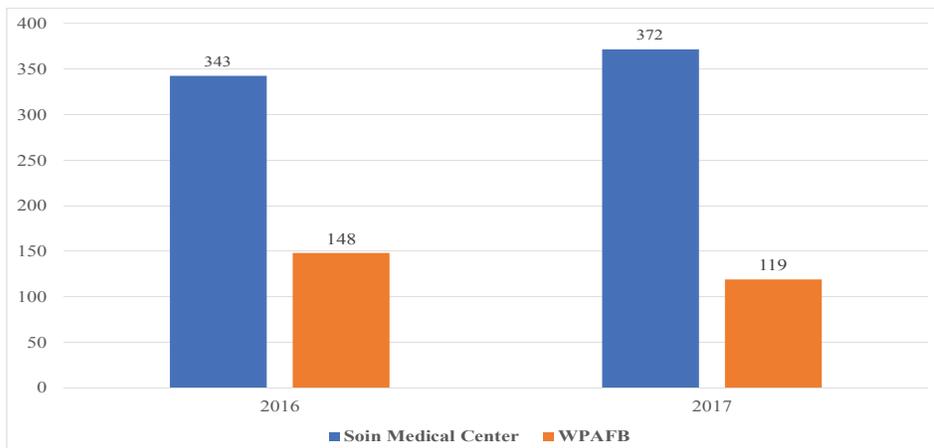
As part of our Strategic Plan, we maintain our financial stability through well managed programs that continue to see growing revenue, as well as look for ways to reduce staff time and expenses through various quality improvement projects. We continue to seek out new and more efficient ways of assuring compliance with state and local regulations, to provide education to stakeholders, and increase transparency.



The charts show Greene County Public Health's revenues and expenses for the period ended December 31, 2017. A detailed copy of the annual financial statement is available by contacting Jeanette Ghand at 937-374-5600 or [jghand@gcph.info](mailto:jghand@gcph.info).

## Office of Vital Statistics

Our office receives, records and maintains all birth and death certificates for Greene County from December 1908 to the present. Certificates are recorded in the county in which the birth or death occurs, regardless of place of residence. Birth and death certificates are available in standard size for a fee of \$24.00 per certified copy. Birth certificates are available at our Xenia office for births that occurred in any county in Ohio. For your convenience, you can process online requests through VitalChek Network Inc. at their website, [www.vitalchek.com](http://www.vitalchek.com). An additional fee is charged by VitalChek for using this service, and all major credit cards are accepted, including American Express®, Discover®, MasterCard®, or Visa®.



**491 Greene County Births in 2017**

### Top 10 Causes of Death in Greene County 2017

Leading Causes of Death	2016	2017
Malignant neoplasms ( <i>cancer</i> ).....	301	306
Diseases of heart.....	342	292
Accidents ( <i>unintentional injuries</i> )...	86	95
Cerebrovascular diseases ( <i>brain</i> )..	67	87
Alzheimer's disease.....	93	83
Respiratory diseases.....	72	75
Diabetes mellitus.....	36	35
Septicemia ( <i>blood infection</i> ).....	29	33
Nephritis, nephrotic syndrome and nephrosis ( <i>kidneys</i> ).....	24	19
Influenza & pneumonia.....	26	18
All other causes.....	372	481
<b>Total Deaths</b>	<b>1,448</b>	<b>1,524</b>

# The Buzz on Social Media



In 2017, we were very active in the world of social media! YouTube, Facebook, and Twitter were all buzzing with pictures and videos of the construction of our new building, as well as other relevant health information. We hope that you "Like" us and "Follow" us on these platforms as we share important information that can affect you and your family's overall health and well-being. Learning about new health trends and issues is instantly at your fingertips, and you can stay informed about upcoming events and opportunities. You can find us on [Twitter.com/GreeneCOHD](https://twitter.com/GreeneCOHD) and [Facebook.com/GreeneCOHD](https://facebook.com/GreeneCOHD).



In addition, you can visit our website at [www.gcph.info](http://www.gcph.info) to download important forms and materials full of local health information. Or, you can just give us an old fashioned phone call at (937) 374-5600 or toll free at 1-866-858-3588 and ask to have the materials mailed to you. Items of interest may include food safety forms, plumbing information, the annual report, our Community Health Assessment, or our Community Health Improvement Plan.

## Public Information...The Importance of Sharing our Message

### Speaker's Bureau

Our highly trained, professional staff is extremely knowledgeable on various health-related topics from bed bugs and flu, to chronic disease and food safety. If your organization, school, or business would be interested in having us do a public health presentation for your group, please log on to our website and fill out our online form: [http://www.gcph.info/public-health-programs/community\\_event\\_requests](http://www.gcph.info/public-health-programs/community_event_requests).



### Outreach to Our Communities - Festivals, Fairs and Events, Oh My!

In 2017, we featured our public health mobile trailer at the Greene County Fair, the Fairborn Sweet Corn Festival, Beaver Creek Popcorn Festival, Xenia Community Festival, Clifton Music & Arts Festival, and Spring Valley Potato Festival. We also were guests at other local health fairs and events throughout the county. If you are interested in having us come to a local health fair or community event, please log on to our website and fill out our online form: [http://www.gcph.info/public-health-programs/community\\_event\\_requests](http://www.gcph.info/public-health-programs/community_event_requests).

## by the NUMBERS

74

Press Releases  
sent to the Media

36

Health Fairs,  
Festivals & Events

65

Media  
Engagements

34

Speaking  
Engagements

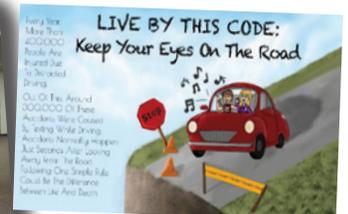
## Safe Communities Coalition Shows Big Increase in Teen Seat Belt Use

The Greene County Safe Communities Coalition worked with all county high schools in various outreach opportunities in 2017 to educate teen drivers on traffic safety. With the support of our schools and the students, seat belt use among Greene County High School students increased from **83% to 95%**!

The coalition collaborated with State Farm on a Billboard Contest with the high schools. Students and art teachers from Bellbrook, Cedarville and Greeneview High Schools collected over \$2,000.00 in prizes and had their billboards shown across Greene County during October for Teen Driver Safety Week.

The Safe Communities Coalition would like to remind all of Greene County to **Buckle Up. Every Trip. Every Time.**

Press conference for Fall Seat Belt Challenge Awards & winning billboard designs. Thank you to all the Law enforcement, School Administration, AAA, State Farm, Agent Rick Kolmin, and most importantly, the Students!



## Addressing Health Concerns in our Communities

### Safe Trade

In November 2017, we opened our doors to the Bloodborne Pathogens program known as SafeTrade. SafeTrade is a one-for-one needle exchange program to help decrease the spread of disease and illness, while helping clean up the community of discharged, used syringes. By the end of December, SafeTrade had three clients signed up and one syringe exchanged.

### HIV/STI Testing, Counseling & Education

This comprehensive grant-funded program offers HIV/AIDS prevention services to Greene, Clinton and Fayette County residents at a total of 13 testing sites. The primary focus is to educate residents about HIV and other Sexually Transmitted Infections (STIs). Staff provides group education, individual counseling, HIV testing and community outreach. In 2017, 688 people were tested for HIV, 208 participated in group prevention education, and 5,600 received educational information. Nine-thousand condoms were distributed to the community. We, along with Equitas Health, continue to provide expansive Hepatitis C testing, education, and care alongside HIV testing and education.

### A Smoke Free Life

Tobacco use and second hand smoke remain the leading causes of preventable death in the United States. Our Tobacco Use and Prevention Program is working towards reducing the impact of tobacco and nicotine addiction by helping pregnant women stop smoking. The Baby & Me Tobacco Free Program provided 102 prenatal and 141 postpartum visits to women wanting to quit smoking. This incentivized program has had great success providing services to 20 mothers who successfully quit smoking during the year.



Additionally in 2017, we worked with local policy makers to reduce outdoor public spaces exposure to secondhand smoke. Prevention education regarding electronic cigarettes, nicotine delivery systems, the economic impact of nicotine addiction on families, and the health impact of tobacco was provided to 473 participants in treatment centers and other community based organizations through direct education and health fairs. This education has led to the enactment of

prevention messaging and policy changes regarding smoke free outdoor spaces resulting in the following: City of Beavercreek's Parks, Recreation and Culture smoke free parks initiative, Wilberforce University's smoke free campus policy, and the Village of Yellow Springs smoke free parks ordinance. Smoke free policy initiatives started in 2017 will continue to take place in 2018 and include community partners at Greene County Public Libraries, the Xenia YMCA, Clark State University Beavercreek Campus and other jurisdictions. Please support this work by completing a survey regarding tobacco use in Greene County at this link:

[https://www.research.net/r/Greene\\_Tobacco\\_17\\_18](https://www.research.net/r/Greene_Tobacco_17_18).

### Opiate Epidemic

A total of 54 people lost their lives to unintentional drug overdose death in Greene County in 2017. The rise of powerful synthetic opiates like fentanyl and carfentanil drove the increase in fatalities, especially during the first half of the year. During the last five months of the year, overdose deaths fell in Greene County and across the region. We have played a role in addressing the opiate epidemic by increasing access to the lifesaving drug naloxone (trade name Narcan) for first responders and community members. We are also providing routine screenings and linkage to care for HIV and Hepatitis C, two communicable diseases associated with injection drug use.



We are an active member of the Greene County Drug Free Coalition, a collective impact group of community partners working to reduce the number of overdose fatalities, increase prevention and access to treatment and long-term recovery support. Our epidemiologist provides regular data updates to the group on overdose fatalities and emergency department visits for overdose. In 2017, the group hosted the Elected Officials Symposium at SoIn Medical Center to share public health data and information about the epidemic and provide a venue for those living in long-term recovery to share their stories with elected officials and the wider community.

### Suicide Prevention Coalition

As a member of the Greene County Suicide Prevention Coalition, Greene County Public Health is supporting the work of local mental health professionals while providing data expertise to support decision making regarding coalition efforts. Youth prevention efforts include local school outreach by Family Solution Center, the Greene Education Service Center and Yellow Ribbon peer mentoring program. Various members of the coalition have organized an annual Youth Summit promoting the prevention work of teens including; violence, drug use and bullying prevention. A Local Outreach to Suicide Survivors (LOSS) Team was established through the hard work of TCN Behavioral Health and the Mental Health and Recovery Board of Clark, Greene and Madison Counties. The LOSS team is a suicide response team that works closely with the coroner's office following a suicide. Additionally, the coalition supported a train the trainer for a suicide prevention Gatekeeper Training known as QPR which stands for question, persuade, refer, a technique to help save a life from suicide. All the organizations mentioned are members of the coalition; membership also includes local community members who are suicide survivors and/or family members of people we have lost in our community by suicide.



## SCABIES

In 2017, we responded to six outbreaks. The outbreaks included flu, bronchitis, diarrhea, and a severe form of scabies called Norwegian Crusted Scabies. Scabies is caused by a mite that burrows into the upper layer of skin where it lives and lays eggs. The mite causes intense itching and a pimple-like skin rash. The scabies mite usually is spread by direct, prolonged, skin-to-skin contact with a person who has scabies. Scabies occurs worldwide and affects people of all races and social classes. Scabies can spread rapidly under crowded conditions, so institutions such as nursing homes, extended-care facilities, and prisons are often sites of outbreaks. Four outbreaks occurred sequential in Southwest Ohio. The outbreak in Greene County had three cases. While there was no clear linkage between the outbreaks, the outbreaks were within two months of each other. Our staff worked with the affected facility to



limit the transmission of cases through assuring the proper treatment regimen and application of environmental controls. Topical creams like permethrin and lindane are applied twice one week apart, first to kill the adult mites and then the offspring. For some persons, oral medication ivermectin or other treatments are prescribed. Once the facility

staff started control measures, no further transmission occurred.

## HUMAN METAPNEUMOVIRUS

A physician called about a cluster of patients with unusual bronchitis. We responded by providing the physician with viral specimen collection kits and collecting case histories to find a common cause. The Human metapneumovirus (HMPV) begins circulating in the winter and lasts until spring. The HMPV season overlaps and peaks after the flu season. Currently there is no vaccine but respiratory panels can identify the virus and help clinicians manage patients. HMPV was first identified in 2001 and is associated with an estimated 20,000 hospitalizations each year in the United States among children aged five years and younger. Elderly and immunocompromised individuals are also at increased risk, which causes both upper and lower respiratory tract infections, including bronchiolitis and pneumonia. Because the symptoms are clinically similar to those of the flu, patients should be tested to distinguish between the infectious agents. The results came back confirming the agent as human metapneumovirus. This was the only outbreak of HMPV in Ohio for 2017.

## INFLUENZA

It's not too late to get a flu vaccine to protect yourself and your loved ones this flu season! The 2017-2018 flu season is causing more hospitalizations than the prior two years. The flu season typically starts in September and has the last few cases in May. As long as flu viruses are spreading and causing illness,

vaccination should continue throughout the flu season in order to protect as many people as possible. Everyone six months of age and older should get a flu vaccine every season. If you haven't already, it's not too late to get a flu shot!

Hospitalized Influenza Cases by Flu Season			
Age Group	2015-2016	2016-2017	2017-2018
0-17	12	21	19
18 - 44	5	8	19
45 - 64	7	26	40
65+	15	103	116
<b>TOTAL</b>	<b>39</b>	<b>158</b>	<b>194</b>

## Early Intervention Beats State Scores

Service coordinators work hard to provide quality services to families. The Ohio Department of Developmental Disabilities and the Office of Special Education monitors counties in several areas over the year to determine if counties are providing quality services that also meet the federal requirements. Recently the program received a **20 out of 22** score during this review; beating the state percentages in every area.

One of the highlights of this report is hearing what families think of our program and services.

--*"Early Intervention has helped me understand what is best to help my child develop and grow"*



--*"I appreciate the collaborative effort in planning services to meet my son's needs. I also appreciate their voice and participation in looking at preschool needs and planning, once he ages out of Help Me Grow"*

## What IS Public Health?

The public health system is made up of government agencies and private organizations that work to:

- Prevent epidemics and the spread of disease
- Protect against environmental hazards
- Prevent injuries
- Promote and support healthy behaviors
- Respond to disasters and assist communities in recovery
- Assure the quality and accessibility of health services.

Although public health organizations work closely with medical and social service providers, the field of public health is distinctly focused on prevention of health problems before they occur, populations and groups rather than individual patients and all factors that affect health, including socio-economic factors and the physical environment.

# First Year of ServSafe® Training A Great Success

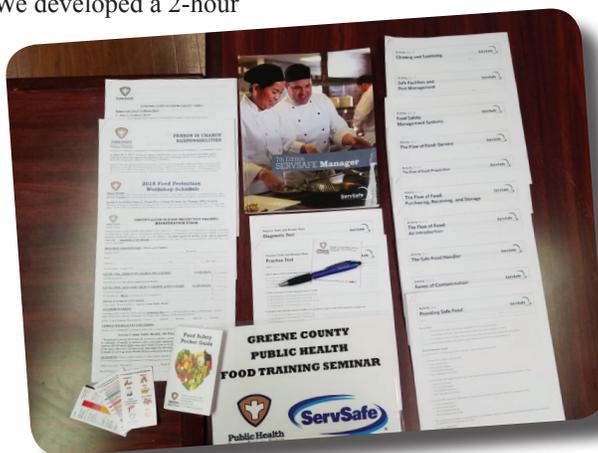
Education and the training of food handlers has been the cornerstone of public health programs for many years. Ohio's certification program consists of two levels of training, Levels One and Two, and the objective is to educate food personnel on effective food safety practices to prevent foodborne illness.

In 2010, changes to the food regulations required that a Person-In-Charge (PIC) of a food business receive Level One certification in Food Protection Training. The regulation mandated training for the PIC per shift for any new food operation, if implicated in a foodborne disease outbreak, or if there was a failure to maintain sanitary conditions. We developed a 2-hour Level One PIC food training program, became an Ohio Department of Health (ODH) approved provider, and began offering this training. We have since trained hundreds of attendees at our Level One classes.

Effective March 1, 2016, the food regulations changed again, creating a new Level Two food training requirement for food managers. The new regulation required that for each risk level III and risk level IV food business, at least one employee who has supervisory and management responsibility and the authority to direct and control food preparation and service, must obtain a Level Two certificate. ODH set forth the standards and requirements in order to become an approved provider. We began the process of creating our Level Two training program in 2016. Each sanitarian took and passed the ServSafe® Manager's course, along with the Instructor and Proctor courses. Each instructor must have a minimum of 4-years of food inspection experience. On October 14, 2016, we became an ODH-approved provider for Level Two food training.

Our staff strives to provide the most informative and rewarding educational experience possible. Each student is provided with

reference materials they can utilize once back working in their food business. Level One and Level Two students receive portions of: PowerPoint presentations, ServSafe® Manager book (Level Two only), handouts, diagnostic test, practice test, chapter quizzes, Food Safety Pocket Guide, three magnets of food storage order, cooking temperatures and food allergens, chapter video questions/answers, probe stem thermometer and probe wipes, refrigerator thermometer, hand sanitizer, and other assorted items. Our perspective is: *Food safety education is most effective when it creates a change in those behaviors that pose the greatest risk of causing foodborne illness.*



We initiated our inaugural combined Level One/Level Two certification food training curriculum on February 21, 2017. Our trainers conducted a total of four Level One classes and seven Level Two classes in 2017, training a total of 337 students from all over southwest Ohio. In 2018, we have scheduled three Level One training classes, five Level Two training classes and are working to hopefully provide a Spanish ServSafe® Level Two class. Currently under development, that class will be

announced once completed. Our food training classes are open to everyone. For up to date information, please visit our food training webpage at: [http://www.gcph.info/public-health-programs/environmental\\_health/food\\_program/education\\_training](http://www.gcph.info/public-health-programs/environmental_health/food_program/education_training).

*Food employees play a vital role in protecting public health from foodborne illnesses, and we take the student's desire to enhance their knowledge of food safety very seriously. We look forward to assisting you in all your food training needs.*

## Annual "Test Your Well" Event is a Collaboration of 11 Local Agencies

The 11th annual "Test Your Well" Event was held on September 28, 2017, at the Greene County Fairgrounds with a record number of 128 attendees. The event was sponsored by: Greene County Career Center FFA, Greene Soil and Water Conservation District, Greene County Farm Bureau, Greene County Public Health, City of Xenia, Miami Conservancy District, Montgomery County Environmental Services, Greene County OSU Extension, Ohio Department of Health, Ohio Department of Agriculture and Natural

Resources & Conservation Service.

Participants brought water samples from their private wells and had the sample screened for nitrates and iron by the FFA students and their advisers. Free screening for lead, arsenic and manganese were also offered for the first 70 people, along with discounted bacteria samples. There were many displays that were set up by the FFA students and all the sponsors to help educate the community on the importance of ground water and how to protect the participants' wells and well water.



## Active 2017 Mosquito Season Kept Staff Busy

The 2017 mosquito season was very active due to the mild winter and early spring rains that created many sites for breeding mosquitoes. Zika and West Nile Virus (WNV) were still the main focus for 2017, since these two diseases can cause the most problems related to mosquito borne disease.

Zika Virus is transmitted by the *Aedes Aegypti* mosquito, which has not yet been found in this part of Ohio. A closely related mosquito, *Aedes Albopictus*, is found in Ohio and there is concern that this mosquito could transmit Zika Virus in the future. Four cases of Zika Virus were found in Ohio in 2017 and all cases were travel related exposures. No locally transmitted cases of Zika were found in Ohio this year.

West Nile Virus is still the most common mosquito borne disease in Ohio. Greene County had one human case of WNV in 2017. In Ohio, 27 cases of WNV were reported throughout state. Each year, we trap mosquitoes in various locations throughout Greene County and send the mosquitoes to the Ohio Department of Health to be tested for WNV.

In 2017, we trapped and sent 94 pools of mosquitoes to be tested of which 20 pools were found to be positive for WNV. The positive pools came from five different jurisdictions: Bellbrook, Beavercreek City, Beavercreek Township, Fairborn, and Sugarcreek Township. Mosquito larvicide is placed in the breeding areas that are reported to us to help prevent mosquito growth and lessen the population of adult mosquitoes. Adulticide - mosquito spraying or fogging - was also applied in the areas with the positive mosquitoes to decrease the adult mosquito population.

We received a grant from Ohio Environmental Protection Agency for \$19,600.00 in 2017 to help supplement the cost of the mosquito program. The funds were used to purchase larvicide, adulticide, mosquito equipment used to apply the larvicide and adulticide, and additional trapping and sampling supplies.

We also participated in the Tire Amnesty Program sponsored by Greene County Environmental Services and the Greene County Soil and Water Conservation District in May and September of 2017. This program encourages residents to drop off old tires for proper disposal. Old tires are an excellent breeding site for mosquitoes and disposing of them helps reduce the mosquito population in the areas where the tires are removed. We provided larvicide to those residents dropping off tires to help reduce mosquito breeding areas around their homes. In addition, 92 packets of information were distributed to help residents understand how they can help with the fight against mosquito-borne disease and the nuisance caused by mosquitoes.



## Preparing for Disasters & Public Health Emergencies to Keep You Safe

Greene County Public Health was awarded national funds for Public Health Emergency Preparedness (PHEP). We are continually developing, reviewing and revising a set of plans to assure our preparedness to take care of this community in the event



**Don't Wait. Communicate.**

Make a family emergency communication plan today.

Ready  
www.ready.gov/September

of a public health emergency. We work in close collaboration with local, regional and state partners from various agencies to stay ready to respond and work together in the event of a public health emergency or natural disaster. These types of events could include the distribution of important community information or even the operation of large

clinics to provide medication to all county residents. All staff are required to have National Incident Management System (NIMS)

and Incident Command System (ICS) training in accordance with Federal mandates.

The overall goal for public health is to “keep well people well” during times of disaster or public health emergencies. The health district oversees a continuous surveillance and monitoring system that provides community partners, media and the general public with valuable information daily. There is ongoing surveillance, monitoring, planning, and testing of the plans using simulated scenarios to improve our overall readiness and meet the national preparedness capabilities.

In 2017, key staff participated in a regional full scale biological terrorism exercise called *Chaos and Confusion*, with approximately 200 agencies across eight counties. This exercise allowed our staff to further develop skills used in emergency situations so when disaster strikes, our team will be ready to take action. The health district is also a strong promoter of personal preparedness for our staff and community members. We provide encouragement, tools, and information via our website, social media, and community presentations.

## New, Innovative Ideas for Public Health

### *Collaboration with Five Rivers*

Improved access to health care services and a medical home for all Greene County residents has been a goal of Greene County Public Health for many years. That is why we have collaborated with Five Rivers to provide our residents access to comprehensive health care services. In 2017, we transitioned all public health medical and dental clinics including prenatal care, reproductive health and wellness, and child and adolescent clinic services to the new community health center. Five Rivers Greene County Health Center provides 40 hours of comprehensive health care services to all members of the family and also offers a sliding fee scale. Five Rivers Greene County Health Center is co-located within our building at 360 Wilson Drive in Xenia.

We promote raising the immunization levels of children as well as through the lifespan, but no longer offer the Vaccine for Children (VFC) program that provides vaccines at no cost to children who might not otherwise be vaccinated because of inability to pay. There is now wide availability in Greene County for adult vaccines, including travel vaccines. We strongly believe that children should have access to a medical home

where they can receive all of their care at one practice, including immunizations. We support the Ohio Department of Health as they encourage Greene County private physician offices to register as VFC providers so children with Medicaid have the convenience of making only one appointment instead of two with a separate vaccination visit.

We are committed to improving health through bolstering and addressing healthy behaviors, community safety, social/environment factors and environmental exposures. We continue to protect, prevent and promote wellness through our WIC services, Early Intervention, Help Me Grow, Children with Medical Handicaps, Epidemiology and Communicable Disease, Health Education, and population-based programs.

Our environmental inspections include restaurants, tattoo parlors, public pools, schools, jails, manufactured home parks, and ensuring the safety of Greene County's food and water, along with protection from disease, and readiness to respond to emergencies. Our Vital Statistics office provides birth and death certificates. Please go to our facebook page @GreeneCOHD to stay informed or our website at [www.gcph.info](http://www.gcph.info).

### *Boost in Customer Service*

In 2017, fiscal staff became fully trained and took over all receipting of plumbing permits. This task was formerly completed by the Environmental Health Services team. We are moving toward having all customer purchases handled within the same location; the goal is to have all incoming money processed at the front counter in our new building. When plumbing contractors enter our building, they now stop at the front window to purchase and/or pay for a permit. This has streamlined the permitting process and keeps customers from having to travel the halls inside the health district to make a payment. This has not only reduced traffic within the health district, but also allows customers ease of access to the areas in which they interact. This change has improved customer service and has streamlined customer processing of plumbing permits.



## *Environmental Health Services* by the NUMBERS

Plumbing Permits Issued	1,953
New Private Water System Permits Issued	104
Rabies Investigations	257
Swimming Pools & Spas Inspected	503
Temporary Food Licenses Issued	254
Food Licenses Issued	1,128
Sewage Treatment Systems Inspected	217
Trash Disposal Trucks Inspected	215
Institutional Facilities Inspected	101
Body Art Establishments Inspected	28
Food Protection Inspections Conducted	3,182
Food Facility Sanitation Concerns Investigated	141

## *Community Health Services* by the NUMBERS

Communicable diseases reported	1,519
WIC total number of contacts	7,576
WIC avg. monthly caseload - Xenia	1,076
WIC avg. monthly caseload - Fairborn	740
CMH average caseload	495
Active TB cases	1
Help Me Grow total children served	71
Help Me Grow home visits	940
Early Intervention Service Coordination visits	2,028
Early Intervention total children served	519
HIV Tests Performed	688

*These two tables are just a small sampling of Environmental Health Services' and Community Health Services' many programs during 2017.*

# Greene Community Health Foundation

Established in 1991, the foundation was conceived as a way to address client needs that could not be covered by grant money or health district funds. Its mission is to provide health and wellness assistance to Greene County families in need. Annual contributions from generous donors enable the foundation and the health district to continue this mission of providing quality services to Greene County residents regardless of their ability to pay.

You, our biggest supporters, gave over **\$46,491.74** in goods and services in 2017.

A heartfelt *Thank You* goes out to the businesses, organizations and individuals for their commitments over the last year.

*We make every attempt to include all donors and sponsors. If you, your business, or organization is missing from this list, please let us know!*

## Mini Grant Program

The Foundation's Mini Grant program was fortunate to offer eight mini grants in 2017 to local organizations, including:

- \$1,000.00 to **Feed the Creek**; provide a bag lunch for fifty children who will be attending 2017 Beavercreek summer camp programs on scholarship.
- \$650.00 to **Oak Tree Corner**; two times each month, free meals using fresh produce are provided for grieving children and their families.
- \$1,000.00 to **Xenia Adult Recreation/Services Center**; delivery of healthy meals to homebound senior adults.
- \$1,000.00 to **Xenia YMCA**; LiveStrong is a research-based physical activity and well-being program designed to help adult cancer survivors reclaim their total health. It is open to cancer survivors ages 18 and up currently in treatment or who have completed treatment.
- \$1,000.00 to **The Riding Centre**; a therapeutic riding center for children and youth with physical, developmental, and emotional disabilities.
- \$767.00 to **Miami Valley Juvenile Rehab Center**; a gardening program for low income families and at-risk youth that currently reside at the Juvenile Rehabilitation Center.
- \$1,000.00 to **Bellbrook-Sugarcreek Family Resource Center**; for families who access the food pantry, this provided an opportunity for middle and high school youth to receive nutritional information and sample nutritious foods that may be new to them.
- \$1,000.00 to **Fairborn Parks Foundation**; providing low income families an opportunity to learn about small space gardening to be able to grow their own food.

Arrowbrook Baptist Church  
Ash, Cheryl  
Beaver-Vu Bowl  
Beeman, Bill & Sandy  
Berns Garden Center  
Black, Brenda  
Bradley, Tiffany  
Bullen, Robert & Candus  
Channels, Joleen  
Dance Loft Plus  
Dark Star Comics & Books  
Dayton Dragons  
Evangelical United Methodist Church  
Fabricatore, Barbara  
Family Video  
Fosnaugh, Robyn  
French, Karly  
Ghand, Jeanette  
Greene County Public Health  
Greene Towne Center, The  
Hemenger, Patrick & Joyce  
Howell, Melissa  
Johnson, Garry & Marilee  
Kettering Medical Center  
Laser Web, Dayton  
Leubking, Irma

Miller, Bev  
Montague, Charlene  
Newport Aquarium  
Owsley, Deirdre  
Physician's Group  
Propes, Dennis & Christine  
Pye, Judy  
Reed, Julie  
Rivers Edge Outfitters  
Saraga, Donna (Wine Shop at Home)  
Schairbaum, Rick  
Schmitt, Amy  
Swaney, Julie Hahn  
Terwoord, Nancy  
Victory Temple Church  
Ward, Karen  
Warner Middle School  
Wickline, Julie  
Wright Place Senior Apartments  
Wright State University's Nutter Center  
Wynn, Sheryl  
Xenia High School Key Club  
Zion Baptist Church  
Zornes, Theresa

## Annual Giving Campaign 2017-2018

On October 17, 2017, a reception was held to kick off an Annual Giving Campaign for the foundation. In previous years, fundraising was accomplished through various annual events, including the annual "Adopt-a-Healthy-Duck" Race, the Fashion Swap 'N Shop, a car show, a Bids for Kids auction, and the "Pull for the Kids" Truck & Tractor Pull. These events were extremely labor intensive and lacked in cost efficiency. The Board worked very hard to reorganize its thought processes, researched best practices, and ultimately decided to discontinue the events for a new, more modern model of fundraising. This new annual campaign kicked off with personal stories of how lives have been changed from those that have been touched by the Foundation. The 2018-2019 campaign will kick off in October 2018.

## Foundation Leadership

All Greene County Board of Health (see page 2) members are automatically members of the foundation board. The foundation is led by:

- **Kim Longo, President**
- **Tobia Stinson, Vice President**
- **Marilee Johnson, Secretary**
- **Bill Beeman, Treasurer**

*We are part of the Miami Valley Combined Federal Campaign, Charity #96608, for federal employees. You can also designate your United Way donation to our Foundation.*

*Thank You for your support!*



# Thank You for Your Support

## Public Health Depends on the Levy

The Public Health Levy is a primary source of funding for many of the most critical social and health services of the county. We're here for YOU!

### Vision

Our vision is to be the recognized leader that addresses health outcomes, reduces health disparities, upholds standards of public health practice, and improves service to the community.

### Mission Statement

Our mission is to prevent disease, protect our environment, and promote healthy communities and wellness in Greene County.

### Scope

Our employees accomplish our mission through integrated community efforts and assessment, health education, collaboration and assurance of quality services, disease prevention and control, and emergency preparedness.

Our services are designed to protect and improve the health of the community. We provide birth and death certificates, easily accessible community public health services and environmental health programs. We ensure safety of food and water, protection from disease, and readiness to respond to emergencies. The organization was created by Ohio Revised Code 3707 and 3709 in 1920.

The levy, typically on the ballot every five years, makes up 33.6% of the health district's total revenue. For \$24.50 per year/per \$100,000 home value, the district provides convenient, population-based services to children and pregnant women, WIC, special services to families with medical and developmental needs, school inspections, general operations, nuisance abatement, rabies and other environmental health investigations.

## Engage with Us!

Tell us what we can do for you, what you think, what we're doing well, or how we can improve! Have a burning public health question? There are multiple ways you can get the conversation started:



"Like" us on Facebook!

We're at [www.facebook.com/GreeneCOHD](http://www.facebook.com/GreeneCOHD)



"Follow Us" on Twitter!

We're at [www.twitter.com/GreeneCOHD](http://www.twitter.com/GreeneCOHD)



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[www.youtube.com](http://www.youtube.com); search for us



Email us at [general@gcph.info](mailto:general@gcph.info)



Download our FREE app from the App Store or Google Play Store



Call us at (937) 374-5600 or toll free at 1-866-858-3588



Take our Customer Satisfaction Survey at <https://www.research.net/r/GCPHSurvey>



Use this code to instantly access our 2017 Annual Report online!



**Public Health**  
Prevent. Promote. Protect.  
**Greene County**

[www.gcph.info](http://www.gcph.info)

(937) 374-5600

1-866-858-3588 toll free

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