

VIGO COUNTY HEALTH DEPARTMENT



2020 ANNUAL REPORT



**The Vigo County Health Department serves to promote, protect and provide
for the well-being of the citizens in Vigo County**

BOARD OF HEALTH

For almost 50 years, the Vigo County Health Department has provided the citizens of Vigo County with the very best public health services possible. Today, those services have expanded into areas our predecessors never imagined, challenging us to keep pace with the demands of an ever changing environment and population. The Vigo County Health Department has continued in the successful tradition established under the leadership of its Board of Health. Members of the Board of Health have roots in medicine, law, business, industry, labor and social services. Maintaining communication between the governing body and staff members has been instrumental in relating regulation and procedures that best serve the community. The Vigo County Board of Health is appointed by elected officials in order to represent the needs of the community. The Vigo County Board of County Commissioners appoint all seven members of the board, with no more than three from the same political party.

2020 BOARD OF HEALTH

Jeff Depasse, Chair
Brian Garcia, Vice-Chair
Dr. James Turner D.O.
Dr. Custodio Lim M.D.
Dr. Brian Ross, O.D.
Dr. Amber Cadick, PhD
Dr. Jennifer Todd, PhD

PUBLIC HEALTH IN VIGO COUNTY



Dr. Darren Brucken
Health Officer



Joni Wise
Administrator

Vision: Healthy People in Healthy Communities

Mission: *Promote physical & mental health, prevent disease, injury and disability*

Public Health Goals

- Prevents epidemics and the spread of disease
- Protects against environmental hazards
- Prevents injuries
- Responds to disasters and assists communities in recovery
- Assures the quality and accessibility of health services

Essential Public Health Services

- Monitor health status to identify community health problems
- Diagnose and investigate health problems and health hazards in the community
- Inform, educate and empower people about health issues
- Mobilize community partnerships to identify and solve health problems
- Develop policies and plans that support individual and community health efforts
- Enforce laws and regulations that protect health and ensure safety
- Link people to needed personal health services and assure the provision of health care when otherwise unavailable
- Assure a competent public health and personal health care workforce
- Evaluate effectiveness, accessibility, quality of personal and population-based health services
- Research for new insights and innovative solutions to health problems

Programs and services are developed, implemented, evaluated, and revised if needed, to enable carrying out the essential public health services and meet the public health goals.

VIGO COUNTY HEALTH DEPARTMENT

Darren Brucken, M.D., Health Commissioner

Administration

Joni Wise, Administrator

Amanda Bales, Deputy Administrator

Rhonda Coombs, Bookkeeper

Beth Morse, Purchasing Clerk

Environmental Health Division

Amanda Bales, Supervisor

Steve Thompson, Wastewater Specialist

Brandie Draser, Food Specialist

Marci Shaw, Food, Lead, Water and Body Art Specialist

Rhiannon Cruse, Food Specialist

Jerica Robinson, Wastewater Specialist

Health Education/Media Coordination

Roni Elder

Vector Control Division

Mike Grayless, Supervisor

Tony Grayless, Assistant Supervisor

Warren Sweitzer, Assistant

David Higgins, Assistant

Logan Edwards, Assistant

Kim Edwards, Secretary

Karen Beal, Seasonal

Vital Statistics Division

Loretta Nicoson, Supervisor

Cheryl Clements, Registrar

Brandie Draser, Registrar

Brooke Foltz, Registrar

Jessica Kiger, Registrar

Nursing Division

Catherine Brown, M.D., Pediatrician

Andrea Craft, RN, Staff Nurse

Twyla Spidel, RN, Staff Nurse

Chelsea Willis, RN, Staff Nurse

Dolly Moss, Secretary

Teresa Bechtel, Immunization Registry Clerk

Robin Maurer, Insurance Billing Special

FINANCIAL REPORT FOR 2020

Cash Balance in <u>General Health</u> – January 1, 2020	\$ 1,003,699.93
Receipts January 1 – December 31, 2020	\$ 1,629,003.46
Expenditures January 1 – December 31, 2020	\$ 1,747,284.26
Cash Balance in General Health – December 31, 2020	\$ 885,419.13
Cash Balance in <u>Health Donation</u> – January 1, 2020	\$ 30,156.20
Receipts January 1 – December 31, 2020	\$ 3,882.35
Expenditures January 1 – December 31, 2020	\$ 16,835.79
Balance in Health Donation – December 31, 2020	\$ 17,202.76
Cash Balance Carry Over in <u>Health Maintenance</u> – January 1, 2020	\$ 34,604.47
Cash Balance in Health Maintenance – January 1, 2020	\$ 0.00
Receipts January 1 – December 31, 2020	\$ 72,672.00
Expenditures January 1 – December 31, 2020	\$ 56,895.34
Cash Balance as if December 31, 2020	\$ 23,495.48
Cash Balance <u>Coroner's Fund</u> January 1, 2020	\$ 1,719.00
Receipts January 1 – December 31, 2020	\$ 22,914.00
Expenditures January 1 – December 31, 2020	\$ 22,490.75
Cash Balance December 31, 2020	\$ 2,162.25
Cash Balance <u>Health Trust</u> January 1, 2020	\$ 50,208.78
Receipts January 1 – December 31, 2020	\$ 44,597.58
Expenditures January 1 – December 31, 2020	\$ 52,148.36
Cash Balance – December 31, 2019	\$ 42,658.00
Cash Balance in voucher submitted <u>Immunization Grant:</u> January 1, 2020	\$ 636.19
Receipts January 1 – December 31, 2020	\$ 44,916.86
Expenditures January 1 – December 21, 2020	\$ 46,987.10
Balance as of December 31, 2020	\$ 2,706.43
Cash Balance in <u>Non-Reverting</u> January 1, 2020	\$ 4,738.24
Receipts January 1 – December 31, 2020	\$ 7,830.28
Expenditures January 1 – December 31, 2020	\$ 4,895.95
Balance as of December 31, 2020	\$ 7,672.57
Cash Balance in <u>C.A.R.E.S. Act</u> January 1, 2020	\$ 0.00
Receipts January 1 – December 31, 2020	\$ 300,000.00
Expenditures January 1 – December 31, 2020	\$ 33,095.00
Balance as of December 31, 2020	\$ 266,905.00
Coronavirus Expenditures in 2020	\$ 719,937.13
<u>Wabash Valley Community Foundation Rapid Response Grant</u>	\$ 4,760.00
Receipts January 1 – December 31, 2020	\$ 4,760.00

SUPPORT STAFF



Bookkeeper Rhonda Coombs and Purchasing Clerk Beth Morse manage the finances and purchases for nearly \$2,000,000 in budgeted funds.

BOOKKEEPING
BOOKKEEPER JOB DESCRIPTION
JOURNALS
SALES
RECEIPTS
LEDGER
PURCHASES
FINANCIAL
TRANSACTION
SHEET
DAYBOOK
RECORDING
CUSTOMER
SINGLE-ENTRY
BOOKKEEPER
INCOME
SYSTEM
PROCESS
PAYMENTS
BALANCE
GENERAL
STATEMENT

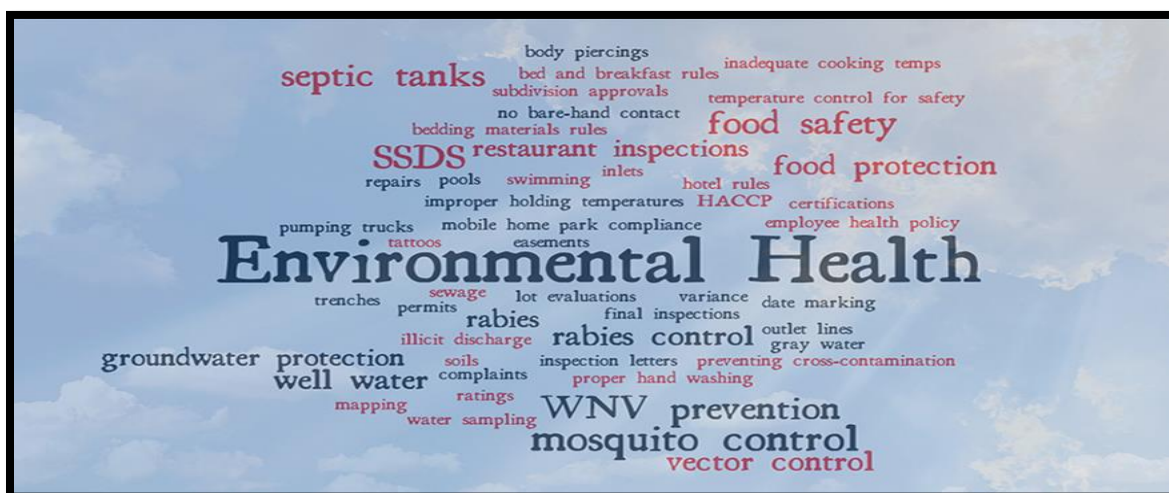
PURCHASING
Acquisitions
Buying
Analysis
Supplies
Proposals
Best Practices
P-Card
Vendor
Contracts
Bids
Invitations
Quotes
Negotiation
Projects
Purchase Order

ENVIRONMENTAL HEALTH DIVISION



L to R: Rhiannon Cruse and Brandie Draser
L to R: Marci Shaw, Steve Thompson and Amanda Bales

Environmental Health Division protects public health and the environment by ensuring conformance with State laws and County ordinances pertaining to a wide variety of environmental health programs. Much of this work is accomplished by performing routine inspections and investigations and taking enforcement action when warranted. The Environmental Health Division also interacts with various federal, state, regional, and local governmental agencies associated with environmental health programs.



FOOD SAFETY PROGRAM



Violations at local restaurants

The Food Safety Program involves the planning of new and remodeled retail food establishments, planning of fairs and festivals in Vigo County, and the licensing and inspecting of all retail food establishments within Vigo County. We work closely with the state department of health on any food recalls and food borne illnesses.

By promoting food safety education and fostering understanding, communication, and cooperation among regulators, industry and consumers, VCHD seeks to provide the best public health and consumer protection in an expeditious and cost-effective manner.

Permits Issued

- 618 Retail food establishments
- 45 Temporary
- 35 Mobile Units
- 6 Farmer's Markets

Inspections Conducted:

- 453 routine inspections
- 5 follow-up inspections
- 23 plan reviews
- 24 opening inspections

FOOD SAFETY

WASTEWATER MANAGEMENT PROGRAM



Failing Septic System

An on-site system is one which treats the sewage in a septic tank so that most of the sewage becomes effluent and is disposed of in an area close to the house or buildings. An example of an on-site disposal system consists of a septic tank and leach drains.

The planning, installation, and repair of on-site sewage disposal systems must be reviewed and inspected by one of our full-time environmental health specialist. This includes the reviewing of soil scientist reports, drawing of installed systems for department records, and giving recommendations for proposed subdivisions.

A total of:

- **67 Septic Permits**
- **2 Repairs to Septic Permits**
- **33 Replacement Septic Permits**
- **40 Subdivisions**
- **446 Improvement Location Permits**



RECREATIONAL WATER PROGRAM



Waters used for recreational purposes are subject to a variety of environmental influences which can affect the health and/or safety of individuals using those waters. Centers for Disease Control and Prevention reports that the number of reported recreational water illness outbreaks from 1978-2012 has increased significantly. The outbreaks are associated with treated recreational water such as hot tubs, pools and spas.

Recreational water program includes the inspection and review of bacteriological reports of swimming and wading pools, spas, therapy pools, and public access beaches. The inspection entails an evaluation of the pool area, water quality, safety equipment, and mechanical room.

The goals of these programs are to minimize safety hazards, reduce the potential for disease transmission and assure that waters used for recreational purposes are operated and maintained in compliance with the applicable ordinances.

- **46 Regular inspections were performed**
- **1 Follow-up inspection**
- **8 Closings**
- **1 Openings**
- **45 Permitted**



BODY ART SAFETY PROGRAM



The use of improperly sanitized needles and instruments for invasive procedures on the human body and/or procedures being completed by inadequately trained individuals can contribute to the spread of communicable diseases and/or cause permanent injury.

Through the Body Art Safety program the Environmental Health Specialist works to ensure the safe and proper operation of the licensed body art establishments in Vigo County. We educate operators, evaluate plan reviews, and perform opening inspections on new or remodeled body art establishments. We also ensure general safety and sanitation standards, and proper disposal methods of infectious waste.

The Artist licensing program ensures the individuals that are performing the body art are knowledgeable and competent.

- **11 Body Art establishments licensed**
- **7 Routine inspections**
- **3 Body Art establishment openings**
- **26 Artist License**
- **22 Temporary Artist License**



LEAD POISONING PREVENTION PROGRAM



Lead was a common ingredient in house paint where it acted as a pigment and increased durability. This was before the dangers of lead were known. Though banned for use in paint in the U.S. in 1978, millions of homes, schools, and businesses still have lead based paint on their walls, both inside and out. According to the Environmental Protection Agency, lead paint can be found in:

- **24% of homes built from 1960-1978**
- **69% of homes built from 1940-1960**
- **87% of homes built before 1940**

If the paint is in good condition and has been painted over, it usually doesn't pose a problem. But if the paint is peeling or has been disturbed by scraping, sanding, or burning, it can pose significant health risks to people especially young children.

The state of Indiana mandates the local health department to follow children with elevated blood lead levels of 10 µg or more and to follow up services to provide parent education and blood testing of children with elevated blood lead levels of 5 µg/dL of blood or more. This includes educating the parents and conducting a risk assessment of the home.

We have two licensed Risk Assessors that address the lead risks in the homes of the children that have elevated blood lead levels. The Risk Assessors educate the families on proper cleaning procedures and mitigation choices when lead risks are identified. Additionally a Public Health Nurse follows that child until their blood lead levels drop below the mandated 10 µg level.

- **Open cases 30**
- **New cases 5**
- **Risk assessments 5**

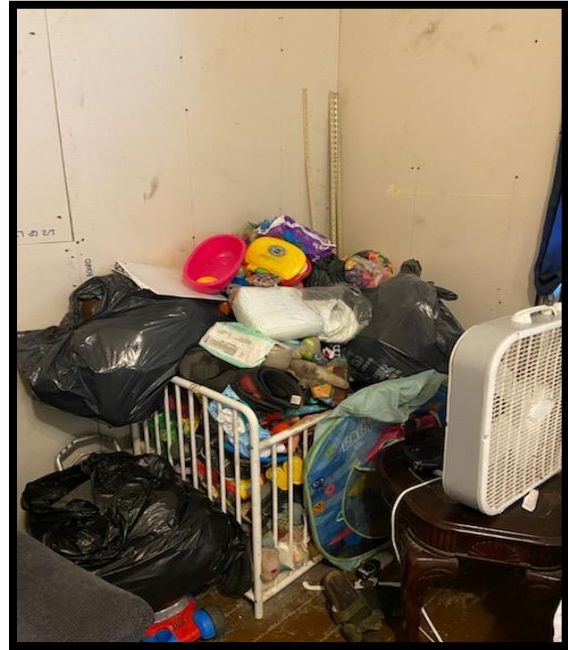


EHS Amanda Bales during a Risk Assessment in a home with a lead poisoned child.



EHS Jerica Robinson and Travella Myers along with ISDH Brian Payne & Rhonda Coombs at the state septic conference in Indianapolis.

PUBLIC HEALTH COMPLAINT PROGRAM



Housing and property complaints filter through this program. Some of the problems addressed are: mold, rodents, roaches, animal feces, meth lab clean up, surfacing sewage, and human feces. We are called by other agencies as well such as Child Protective Services, Adult Protective Services, City and County Building Inspection, City Environmental, City and County law enforcement.

- **10 surfacing sewage complaints**
- **3 unfit housing situations**
- **0 animal feces complaints**
- **2 bed bug complaints**
- **5 mold complaints**
- **0 Meth Lab letters**

DRINKING WATER PROGRAM

Clean water is vital to our health, communities, and economy, it is a fundamental human need. Each person on Earth requires at least 20 to 50 liters of clean, safe water a day for drinking, cooking, and simply keeping themselves clean. Tens of millions of people are seriously sickened by a host of water-related ailments—many of which are easily preventable. The drinking water program includes the review of water sampling results from daycares, mobile home parks, and retail food establishments that utilize well water; education on proper care and shocking of wells, and guidance when flooding is an issue. We have also been involved with the local water company when we have found homes with high levels of lead in their water due to old city water lines that had not been replaced.

ENVIRONMENTAL HEALTH AND COVID-19



- Started a county-wide mask program: established mask drop off locations at local grocery stores, collaborated with local mask sewing groups and helped sew masks to give to the general public.
- Weekly reviews of Governor Holcomb's executive order's and continuing education with local establishments and enforcement of the executive orders.
- Environmentalist also contact traced COVID 19 cases.
- Reviewed event plans per guidelines for Governor's executive orders.
- Met with State Fire Marshall for enforcement of non-compliant businesses
- Responded to roughly 1000 COVID 19 complaints.
- Reached out to local restaurants to ensure they had a plan in place prior to reopening.
- Consultation with Vigo County Jail for safety and COVID 19 related issues.
- Sent guidance to pool operators concerning COVID 19.
- Zoom meeting with body art establishments for compliance with COVID 19.
- Participated in COVID Task Force meetings with Vigo County School Corporation.



HEALTH EDUCATION/MEDIA COORDINATION



Health Educator/Media Coordinator Roni Elder

Health Education is the process of assisting individuals and groups to make informed decisions and build skills on matters affecting personal, family and community health. Health Education provides information about awareness and prevention with the goal of providing Vigo County Citizens with the opportunity to their fullest potential. Health Education utilizes the following outlets to provide education:



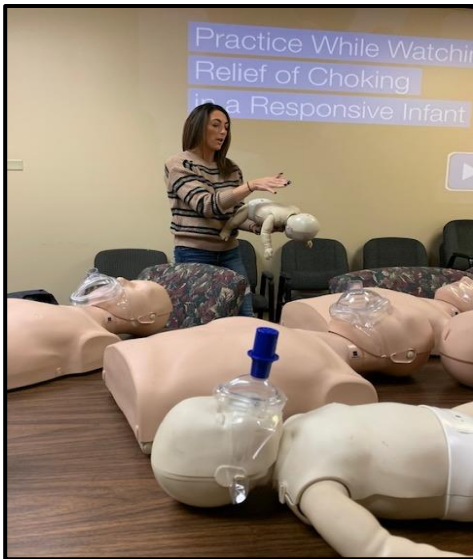
PRESENTATIONS

Presentations offer a comprehensive look at today's public health issues that are of concern. Some presentations are multi-faceted, such as an overview of the Health Department and its role in public health in Vigo County while others can be an in-depth look into issues such as bedbugs, influenza, or tobacco use in our community. This involvement offers the public the opportunity to learn about their health and well-being, ask questions, and become familiar with the Health Department. The Vigo County Health Department works collaboratively with many community partners which include but are not limited to; the Vigo County School Corporation, Hamilton Center, Vigo County Head Start, and Indiana State University.

The following is a brief list of programs & presentations conducted by the Health Department:

➤ **County Employee CPR**

➤ **Rotary Zoom Presentation**



CONDITIONING EDUCATION

- **Labor of Love Summit**
- **Harm Reduction**
- **Public Health Ethics**

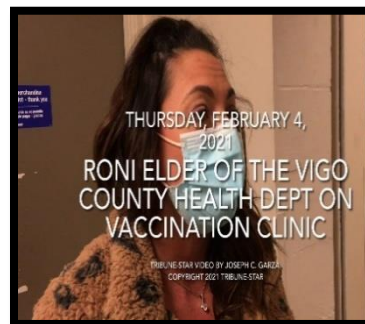
COMMUNITY INVOLVEMENT

Health Education and Media Coordination works collaboratively with hundreds of Vigo County members in order to provide fast, reliable, and educational information to our citizens.

- | | |
|---|--|
| ➤ Tobacco Prevention Cessation Coalition | ➤ Chances and Services for Youth |
| ➤ Preparedness Planning Coalition | ➤ Vigo County School Corporation |
| ➤ Child Fatality Review Committee | ➤ Indiana State University |
| ➤ Drug Free Vigo County | ➤ United Way |
| ➤ Health Education Advisory | ➤ Better Health Wabash Valley |
| ➤ Wabash Valley Recovery Alliance | ➤ Lugar Center |
| ➤ Homeless Coalition | ➤ IU School of Medicine |
| ➤ Next Step | ➤ Healthy Start Grant |
| ➤ Group Homes | ➤ Helping Children & Families |
| ➤ Lamar | ➤ Community Action Meeting |

MEDIA PARTNERSHIP

Working with the media is an extremely important component of Health Education. In order to ensure the residents of Vigo County receive the most accurate and up to date health information, the Vigo County Health Department has developed an excellent relationship with the media. The Health Educator/Media Coordinator works diligently with media outlets to compose important health messages in order to promote, provide, and protect the citizens of Vigo County and the surrounding areas. The following health topics were covered in the media:



- Influenza
- Cold Weather Safety
- Board of Health Meetings
- Tire Amnesty Program
- Wash Hands
- Coronavirus
- Holiday Hours
- Mosquitos
- West Nile
- Fogging Schedule
- Drug Take Back Days
- Holiday Guidelines
- Food Safety/Leftovers
- Food Permits/Mobile Units
- Toys for Tots
- Healthier 2020
- RSV
- Vaping
- And many more!

SOCIAL MEDIA

An always evolving, key piece of Health Education is our Social Media presence. We are very excited to now be a part of Facebook, Twitter, LinkedIn, YouTube, Pinterest, and Instagram! With the ever growing usage of social media sites it is crucial to use that to our advantage in reaching the public in every way possible for education and information. The use of social media in emergency situations such as an outbreak or natural disaster is also one of our main reasons to jump on board. Our goal is to provide the most accurate, up-to-date information as quickly as possible to our community. If you haven't already come visit our pages!

COVID-19 RESPONSE

Local Health Departments have a natural leadership and advocacy role in pandemic preparedness and response efforts. In cooperation with other sectors we must provide leadership and guidance on the actions needed, in addition to raising awareness of the risk and potential health consequences of a pandemic. The following are steps we took in preventing the spread of COVID-19 in Vigo County;

- Setting up a Joint Information Center (JIC) with community partners
- Daily JIC emails
- Weekly JIC calls
- Community/Restaurant Guidelines
- Facebook Live
- Mask programs
- Governor's weekly conference
- Daily COVID-19 briefings with contact tracers, Dr. Brucken, and community partners
- Media interviews (Radio, TV stations, and newspapers)
- Social media posts
- Responding to FB questions/comments
- Daily updates to our website
- Press conferences



VITAL STATISTICS DIVISION



L to R: Loretta Nicoson, Jessica Kiger, Brooke Foltz, and Robbin Poore

THE VITAL RECORDS DIVISION'S OBJECTIVE IS TWO-FOLD

- Carry out uniform procedures
- Maintain and protect the integrity of the Vital Records Systems



THE DIVISION HAS THE RESPONSIBILITY TO:

- Maintain a system that accurately records all births, deaths and fetal deaths
- Efficiently issue certified copies of records
- Issue provisional notification of death-burial transit permits
- Process paternities when they come to us from the courts
- Type and process paternities when people schedule appointments to come in to our office
- Type affidavits of amendment and schedule appointments for people to make corrections to their birth record
- Work with funeral homes in filing death certificates
- Verify birth records for the Military, Social Security and Division of Family and Children
- Assist citizens who wish to inspect permanent birth and death records
- Assist customers in doing genealogy



The Vigo County Government Annex closed to the public due to COVID-19. The manner in which Vitals did business modified to accommodate issuing birth and death certificates.

VITAL STATISTICS ANNUAL REPORT 2020

<u>BIRTHS REPORTED</u>	1,988
<u>HOME BIRTHS</u>	0
<u>STILLBIRTHS</u>	16
<u>DEATHS REPORTED</u>	1,740
<u>EXECUTIONS</u>	10
<u>CORONER CASES</u>	251
<u>CORRECTIONS PROCESSED</u>	218
<u>BIRTH CERTIFICATES ISSUED</u>	5,781
<u>DEATH CERTIFICATES ISSUED</u>	9,818
<u>CERTIFICATES ISSUED FREE</u>	476
<u>GENEALOGY SEARCHES</u>	43
<u>NOTIFICATIONS OF DEATH</u>	107
<u>GENERAL HEALTH FUND</u>	\$138,419
<u>CORONER'S TRAINING AND EDUCATION FUND</u>	\$ 23,121
<u>TOTAL CASH RECEIVED</u>	\$161,510



VECTOR CONTROL DIVISION



L-R: Logan Edwards, Warren Sweitzer and Karen Beal
L-R: Mike Grayless, Kim Edwards, Tony Grayless and David Higgins

The primary goal of the Vector Control Division is to reduce the risk of disease and death from pathogens carried by animals and/or vectors. The Vector Control Division also repairs and maintains all Health Department vehicles and spraying equipment.

A “vector” is an agent capable of transmitting a pathogen from one organism to another. (I.e. mosquito, rodent). The Vector Control Division devotes its time primarily to:

- 1. Vector control**
- 2. West Nile surveillance**
- 3. Dead animal removal**
- 4. Fleet maintenance a**

MOSQUITO CONTROL

The spraying for adult mosquitoes in Vigo County was as diligent as the weather would allow in 2020. The adulticiding program consists of five ½ ton pickup trucks and four ATVs (equipped with ultra-low volume cold aerosol fog machines) to spray insecticides throughout the county, as well as Terre Haute, for the control of adult mosquitoes. The ATV mounted ULV makes most sites accessible. All nine ultra-low volume-fogging machines must be certified for droplet size and calibrated for flow rate prior to each spraying season. Calibration is monitored daily throughout the spraying season. Adult mosquito control is accomplished using 4 insecticides: Bio-Mist 4+12, Kontrol 4X4, Aqua Duet and Aqua Anvil.



**Chris Novak of Clarke Mosquito Control
checking droplet size.**



**Vector Control Assistant Supervisor
Tony Grayless**

All ULV units are fitted with GPS compatible “Smart Flow” systems. This enables Vector Control staff to preset and record calibration, time of spraying, flow rate and vehicle speed.

Vector Control staff prepares and updates 26 maps that are 40-45 miles of county and city roads. The 26 maps show the areas to treat and also areas that we do not treat, which we consider no spray zones. Some of the areas that are considered no spray zones might be areas with organic gardens, beekeepers, large bodies of water or persons who have requested no spraying be done in the area they live, either for health or personal reasons. The 26 maps are treated weekly, biweekly or monthly depending on adult mosquito population and weather conditions.

Vector Control employees spend an extended amount of time treating stagnant water for mosquito larvae. Several brands of insecticide targeting several species are employed to kill the larvae. One type of insecticide (Golden bear) can last for seven days in stagnant low area water, covering the surface of the water denying the mosquito larvae access to air. All “catch basins”



or dry wells are treated with Altosid briquettes and Bactimas briquettes which lasts 30 or 150 days. Altosid Briquettes inhibit the growth of the larvae preventing them from becoming adults. Catch basins have been identified as one of many ideal habitats for the Vector (*Culex pipiens*), a mosquito notoriously known for the transmission of West Nile. *Culex* mosquito larvae love the stagnant dirty water left behind from rain that doesn't soak into the ground but runs off into catch basins, retention ponds, and roadside ditches.



In 2020, approximately 1,500 catch basins were treated. That number will continue to increase due to community growth. Parking lots and subdivisions will install retention ponds and/or catch basins to contain water run-off. Catch basins and larvaciding sites are mapped out using the County’s GIS system. Larvae samples are examined for identification of species to insure proper insecticide treatment.

MOSQUITO BORNE DISEASE PREVENTION ACTIVITIES IN 2020:

- Worked with Home Owners (high grass, weeds, swimming pools, fishponds, standing water).
- Sent out Notice to Abate letters to all Vigo County cemetery caretakers.
- Participated in Clean up Terre Haute program in October 2020.
- Continued to monitor home owners, tire retailers and salvage yards to ensure compliance with the Tire Storage Ordinance.

2021 MOSQUITO AND LARVAE CONTROL STRATEGIES:

1. Intensify local culex and aedes mosquito larval control to prevent the emergence of adult mosquitoes that feed on birds and contribute to the virus amplification transmission cycle.
2. Continue active West Nile surveillance to determine the presence of new or expanding West Nile transmission. (Light traps-Adult mosquito testing)
3. Reinforce public education and outreach programs to reduce mosquito- breeding sites around homes.
4. Educate on personal protective measures (long sleeves, insect repellent) with the use of the media (TV, radio and newspapers).
5. Implement local mosquito control to reduce the number of virus infected mosquitoes, thus reducing the immediate risk to humans.
6. Monitor adult and larval mosquito control efforts to ensure that the local programs are effectively reducing mosquito densities and virus infection rates.
7. Conduct inspections of local tire retailers and junkyards for tire storage ordinance compliance.

The following table contains a list of the amount and types of insecticide used in Vigo County to control adult mosquitoes and larvae in 2020.

	INSECTICIDE	AMOUNT USED
55 Gallon Drum	Biomist 4 + 12	14 Drums
55 Gallon Drum	Kontrol	19 Drums
55 Gallon Drum	Aqua Anvil	10 Drums
220 Per Case	Altosid Briquettes (150 Day)	7 Cases
400 Per Case	Altosid (30 Day)	200 Pieces used
100 Per Case	Bactimas Briquettes	13 1/2 Cases
3/4 Gallon	Talstar P	1/4 Gallon
55 Gallon Drum	Golden Bear	2 Drums

RODENTS

Rodents (i.e. rats, mice) are another source of disease transmission. Rodents must have adequate food, shelter, and water in order to survive. For these reasons, a large majority of rodent complaints are located within the city of Terre Haute.

A vector control specialist investigates complaints about rodents and proceeds to make recommendations to the property owner on findings and rodent control (i.e. removal of debris, animal feces). In some cases, the vector control specialist may set out bait and remove dead rodents, but the majority of the extermination is usually the responsibility of the property owner. A vector control specialist will continue to make follow up inspections to insure the property owner is correctly handling the problem.



RABIES PREVENTION

In 2020 Vector Control staff sent 4 bats to the ISDH Laboratory for rabies testing. All bats were negative for the rabies virus.

In 2020 a total of 486 deceased animals were removed from private properties, as well as city and county roadways and taken to the landfill.

VEHICLE MAINTENANCE

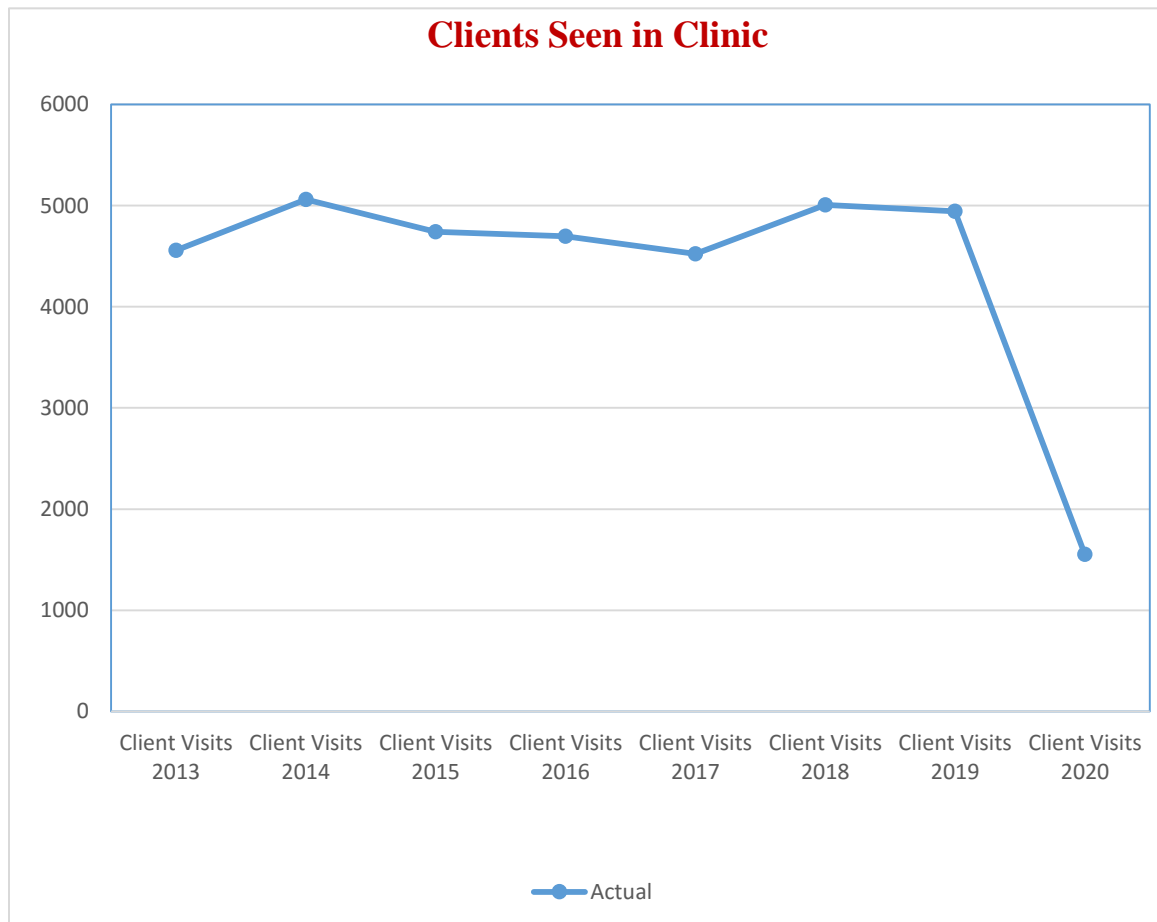
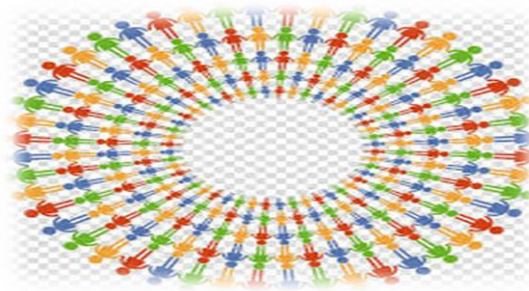
During the winter months the Vector Control Division is busy with repairing, cleaning and inspection of all vehicles and equipment. All ULV spray units must be cleaned and broken down during the winter months, checked, repaired and parts replaced as needed. Along with routine maintenance, all trucks and cars are thoroughly inspected and repaired. All Health Department vehicles and equipment have routine maintenance throughout the year.



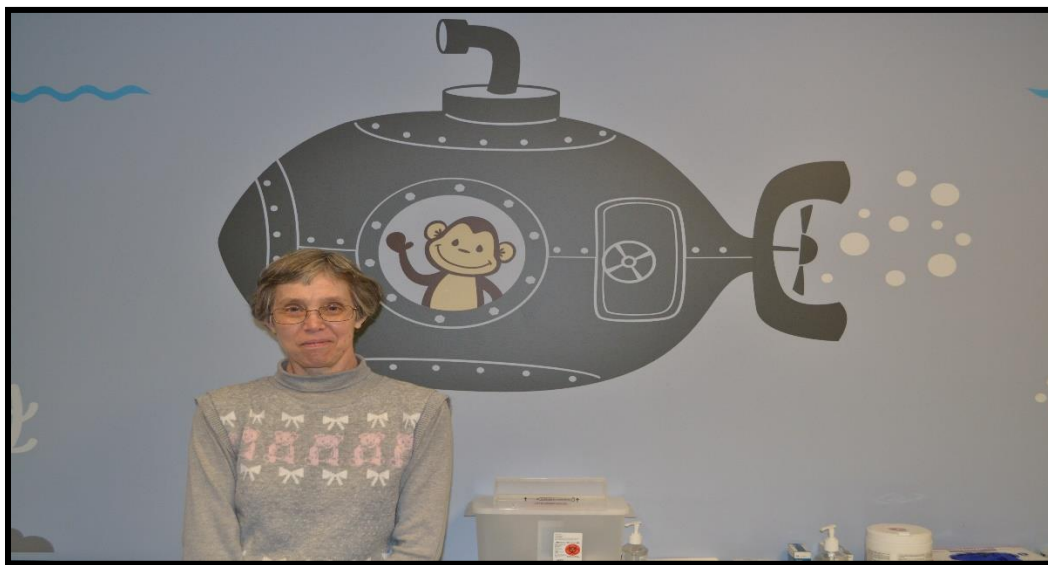
VIGO COUNTY HEALTH DEPARTMENT CLINIC

The Vigo County Health Department (VCHD) Clinic is located at 696 S. 1st Street at the southwest corner of the Vigo County Annex Building. In 2020, three full-time Registered Nurses, a full-time Secretary, an Immunization Registry Clerk, and a full-time Insurance and Billing Clerk provided staffing for the clinic. In addition, a pediatrician, Dr. Catherine Brown staffed our weekly Well Child Clinics. The Health Department Clinic provided services to both children and adults for a nominal fee or free of charge.

Due to the COVID-19 pandemic, clinic services were suspended and/or reduced for an extended amount of time throughout the year. In 2020, there were 1,552 client visits to the clinic.



WELL-CHILD PROGRAM/SPORTS & KINDERGARTEN PHYSICALS



VC Health Department physician, Dr. Catherine Brown, M.D.

VACCINE FOR CHILDREN PROGRAM/PRIVATE PAY

The VCHD Clinic is a provider enrolled in the Vaccines for Children program and provided childhood immunizations to those who qualified. With some of the pediatricians in and around town not carrying immunizations, the VCHD helped immunize those children. Most major insurances were accepted at the VCHD with the help of Vaxcare.

ADULT VACCINE PROGRAM/ADULT WELL PHYSICALS

The Adult Stay Well Program was continued by Dr. Brown who provided adult physicals which included college students, daycare employees, and foster care parents for a nominal fee. The VCHD is enrolled in the Vaccines for Adults program to provide immunizations for adults with no insurance or insurance that does not cover vaccines.

COMMUNITY INVOLVMENT

Immunizations are an important part of what the nurses at the Vigo County Health Department do on a daily basis. Approximately 215 flu vaccines, 38 Hepatitis A vaccines, and 31 Hepatitis B vaccines were given to Vigo County Employees throughout 2020. The VCHD nurses serve as clinical preceptors for nursing students from Indiana State University, Ivy Tech Community College, and Saint Mary-of-the-Woods College. VCHD nurses also collaborate with the medical students from the IU School of Medicine- Terre Haute campus.

The Health Department nurses, Twyla Spidel RN, Chelsea Willis RN, and Andrea Craft RN, sit on the Vigo County Immunization Task Force, which meets quarterly with other medical professionals, school nurses, and childhood development members to collaborate and create new ways to increase immunization rates for Vigo County. Andrea Craft, RN also participates in Head Start and Early Head Start's Health & Education Advisory meetings.

EPIDEMIOLOGY AND COMMUNICABLE DISEASE

Indiana Code 16-41-2-1 requires local health departments to investigate and report communicable diseases listed in the ISDH Communicable Disease Reporting Rule. Once the investigations are completed, they are entered into the computerized data base known as the Indiana National Electronic Disease Surveillance System (NBS).

Condition	2017	2018	2019	2020
Animal Bites	146	167	10	3
Campylobacteriosis	19	14	19	7
Carbapenemase-producing carbapenemase-resistant enterobacteriaceae (CP-CRE)	1	36	7	4
Giardiasis				2
Haemophilus influenza, invasive				1
Hepatitis A, Acute	1	2	46	6
Hepatitis B, Acute/Chronic				33
Hepatitis C	110	182	272	251
Hepatitis E				1
Histoplasmosis	4	4	0	3
Influenza-Associated Death				1
Latent Tuberculosis				26
Legionellosis				1
Condition	2017	2018	2019	2020
Lyme Disease	5	1	2	6
Multisystem Inflammatory Syndrome (MIS)				1
Mumps				1
Pertussis				1
Salmonellosis, excluding S. typhi and S. paratyphi				7
Shiga toxin-producing Escherichia coli (STEC)				1
Streptococcus A	1	5	2	8
Streptococcus Pneumoniae	14	16	24	
Varicella (Chickenpox)				8

*This table includes cases that are confirmed, probable, suspect, unknown, and determined to not be a case. Investigation must be initiated in order to make a final determination. Not publicly reported if total is less than 5. Hepatitis C count includes Federal Prison for 2020.

LEAD SCREENING

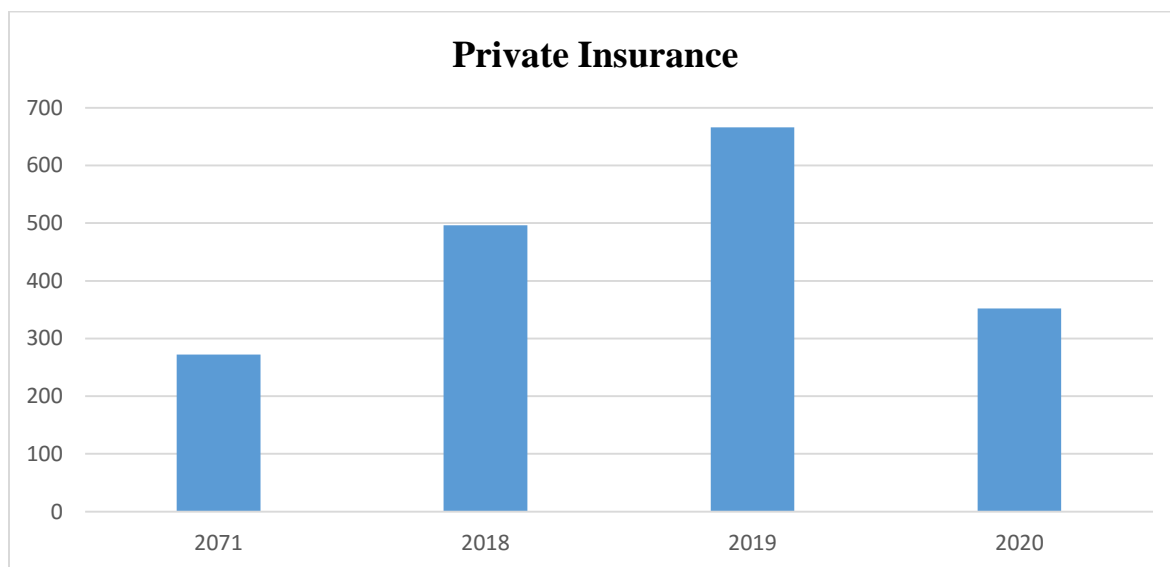
In 2020, approximately 21 children were screened for lead exposure by the Vigo County Health Department Clinic. Lead exposure case management services begin with venous blood lab results of 5 mcg/dl and above, coupled with in-home environmental lead risk assessments for levels of 10 mcg/dl and above. The Lead Case Manager had 24 confirmed lead exposure cases, 38 exposures <5 mcg/dl, 2 probable cases, 3 suspect cases, and 5 home investigations.



INDIANA STATE IMMUNIZATION GRANT



A grant was awarded to the Vigo County Health Department Nursing Division by the Indiana State Immunization Division in 2020 for \$75,407. Funds from this grant were used in various ways to increase immunization rates and promote services offered at the health department clinic. The VCHD Clinic was able to purchase various supplies and equipment for the health department clinic. Since the immunization grant was started in 2014, immunization rates in Vigo County have increased from 28% to 72% in 2019; immunization rates for 2020 are not yet available. The grant funded the VCHD Clinic's ability to accept most private insurances. A total of 352 private doses were administered in 2020.





EDUCATION

Education is an important aspect to evidence-based care. Due to restrictions of the 2020 COVID-19 pandemic, in-person trainings and educational courses were completed online via webinars and Zoom meetings, with a majority of the information centered on the growing pandemic. VCHD staff participated in meetings presented by the Centers for Disease Control and Prevention (CDC) and the Indiana Department of Health (IDOH). There were also trainings done in the VCHD Clinic.

TUBERCULOSIS CASE MANAGEMENT AND TESTING

Tuberculosis (TB) control and case management by the local health departments is a mandated task under the Indiana Code 410 IAC 1-2.3-106. This includes investigating positive skin tests, collection of sputum samples for evaluation by the ISDH lab, providing medications for both active and latent TB cases, home visits for medication administration, evaluation and testing for contacts of the infected patient, communication with the patient's physician, and patient education. In 2020, 0 active TB cases, 1 suspected, and 25 latent TB cases were managed by the VCHD Clinic. In addition, the VCHD Clinic provided TB skin testing on a walk in bases on

Mondays and Fridays for the community for a nominal charge. 237 TB skin tests were administered in 2020.



COVID-19 RESPONSE

“Every person has his or her own Annapurna.” I go on to explain that there were many Annapurna’s in my life—challenges I wasn’t sure I could meet—but that “the real Annapurna was my last one.” For each of you out there, your Annapurna might be a tough project at work, a bad illness, or the breakup of a marriage, but the trick is to find a way of converting adversity into something positive, a challenge to look forward to.”

— Ed Viesturs, No Shortcuts to the Top: Climbing the World's 14 Highest Peaks

FOUR PRONGED RESPONSE

Collaboration
Contact Tracing
Education
Vaccination

MARCH 3, 2020

Union Hospital held a meeting with community partners to discuss a plan.
There were more unknowns than “knowns”.
One “known” was we could commit to disseminating accurate, timely information to community partners and the public.
A Joint Information Committee or better known as a J.I.C. was formed.
A weekly briefing day and time was established for the J.I.C.

J.I.C. MEMBERS

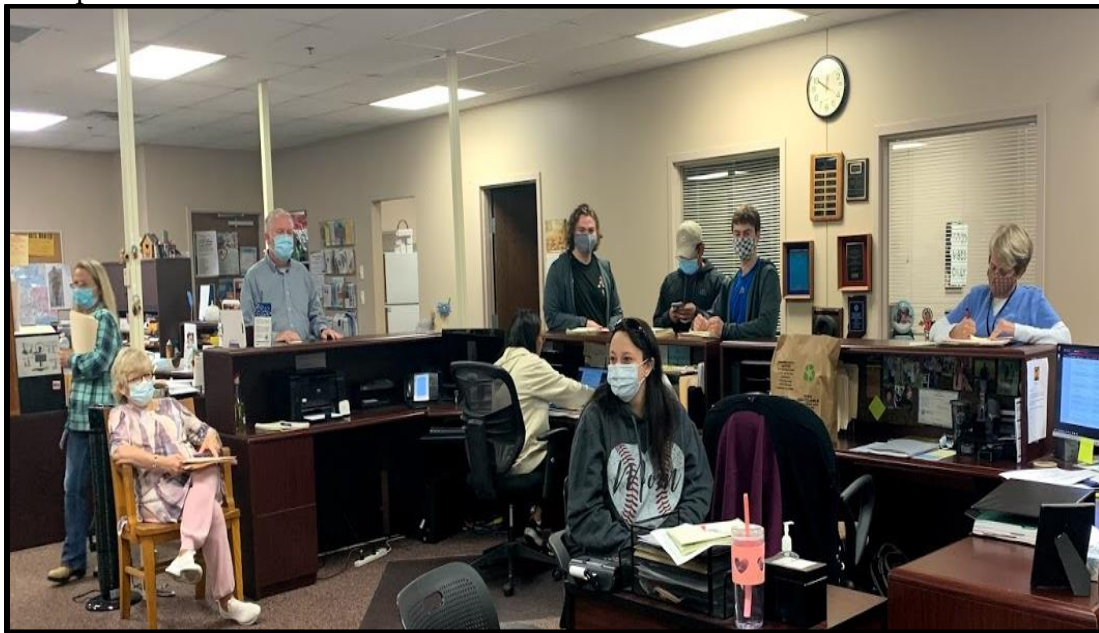
Elected officials at the State and Local level
Vigo County Health Department
Union Hospital
Regional Hospital
Higher Education: Rose-Hulman, ISU, Ivy Tech and SMWC
Public and Private Schools
Long Term Care
Chamber of Commercest
Safety: EMA, TH Fire, EMS, 181st, Law Enforcement and Central Dispatch
Faith Based Community
Others

MARCH 18, 2020

Vigo County Commissioners Closed the Court House and Annex.
Employees were sent home to work remotely....except for the Health Department

CONTACT TRACING

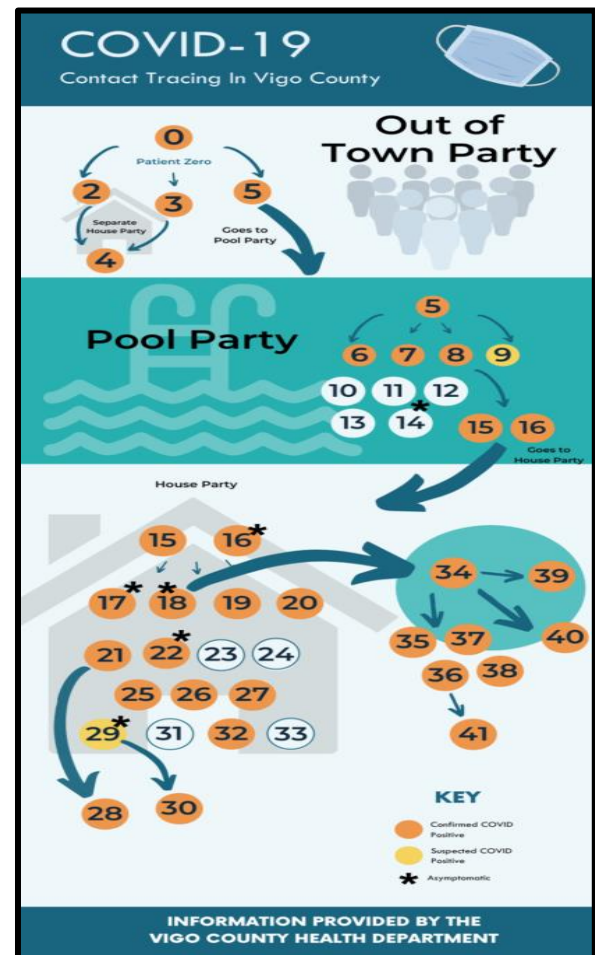
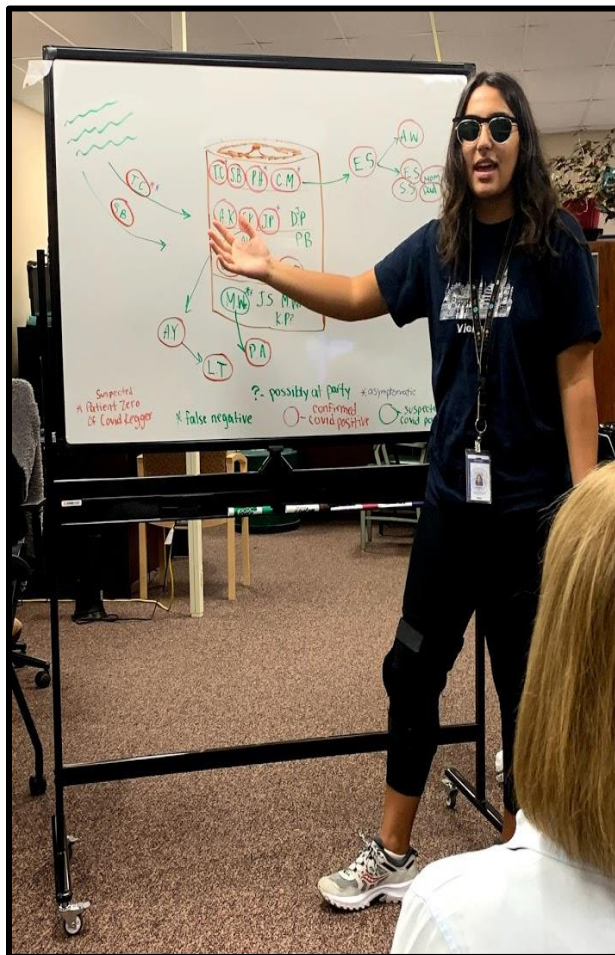
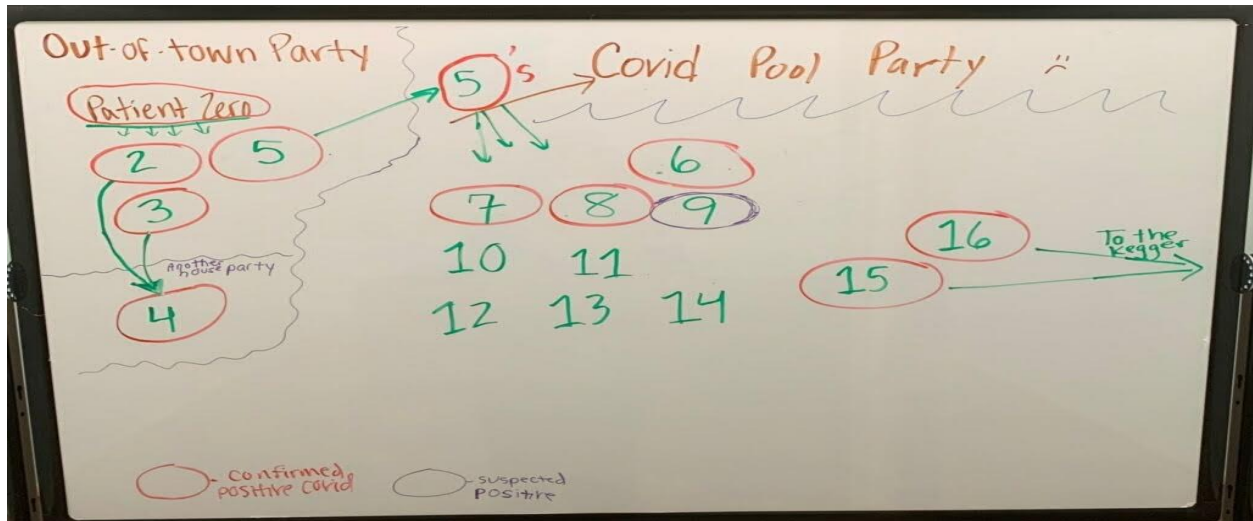
- Contact tracing is a fundamental function to prevent the spread of disease.
- Health departments are H.I.P.P.A. exempt.
- C.A.R.E.S. Act Funds are used to employ contact tracers.
- Every business day at 10:00 am a briefing is held with all of the contact tracers, the health officer, and a representative from the VC School Corporation, ISU staff and elected officials.
- All new cases are discussed, which allows us to discover commonalities and hot spots.
- Contact tracing has been conducted for close contacts (any individual within 6 feet of an infected person for at least 15 minutes) of laboratory-confirmed COVID-19 patients.



The daily 10:00 am briefing



Governor Holcomb stopped by to encourage and praise the staff involved in the COVID-19 Response.



Contact tracer Lily Yeagley explains the spread of COVID-19 starting with patient zero.

EDUCATION:

Disseminating accurate, timely information !

MEDIA INTERVIEWS USING ZOOM



PRESS CONFERENCE



PANEL DISCUSSIONS FOR THE PUBLIC

CORONAVIRUS SPECIAL

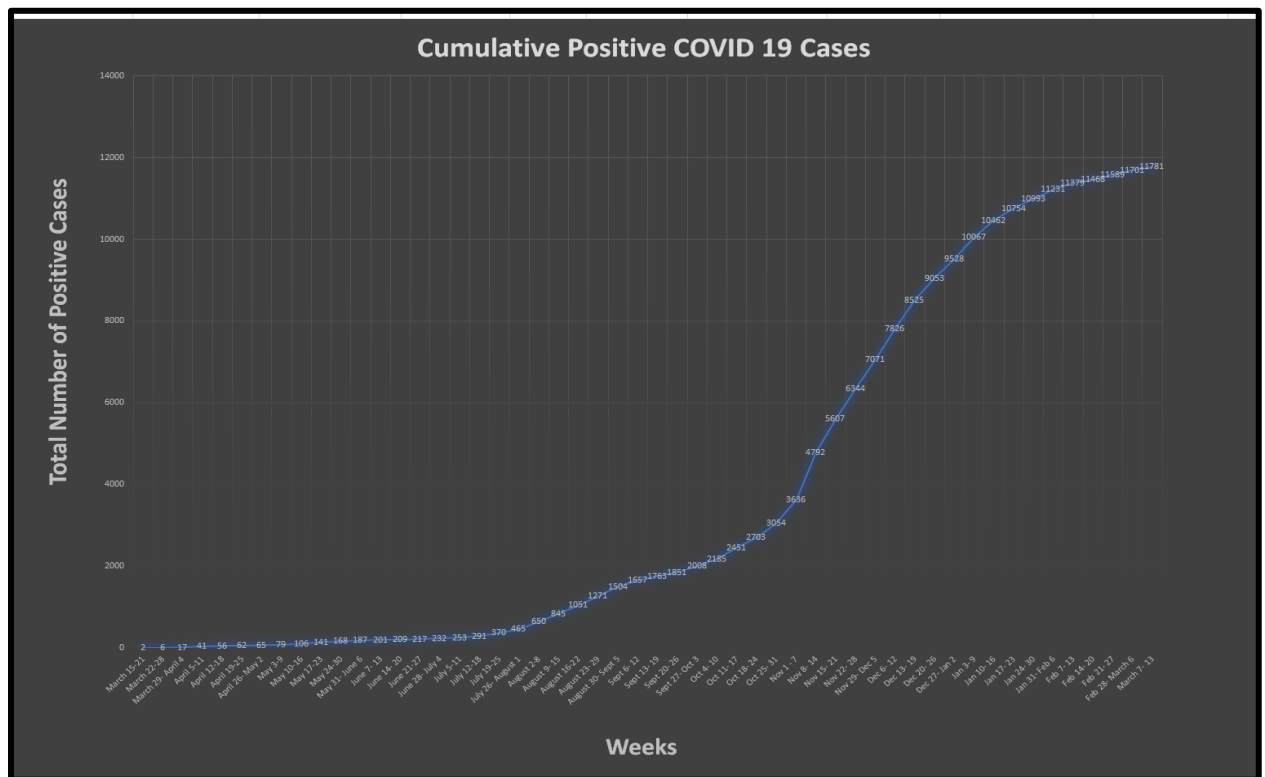
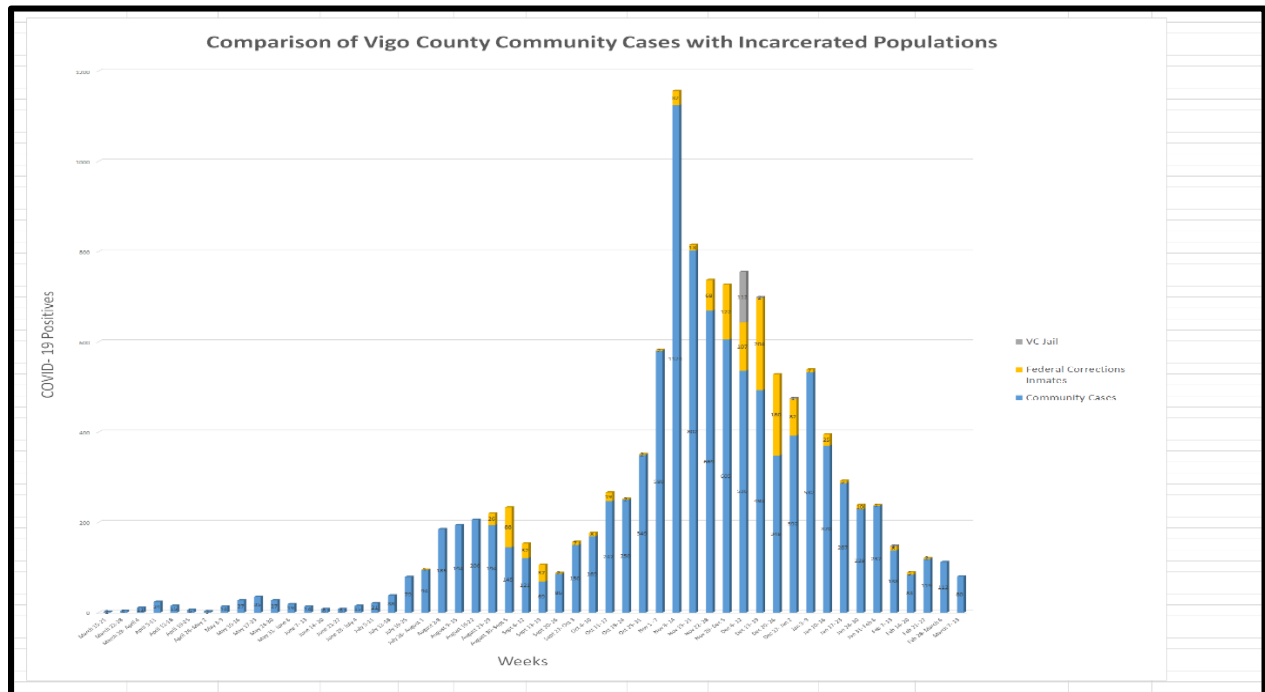
LATEST UPDATE FROM HEALTH EXPERTS ACROSS THE WABASH VALLEY

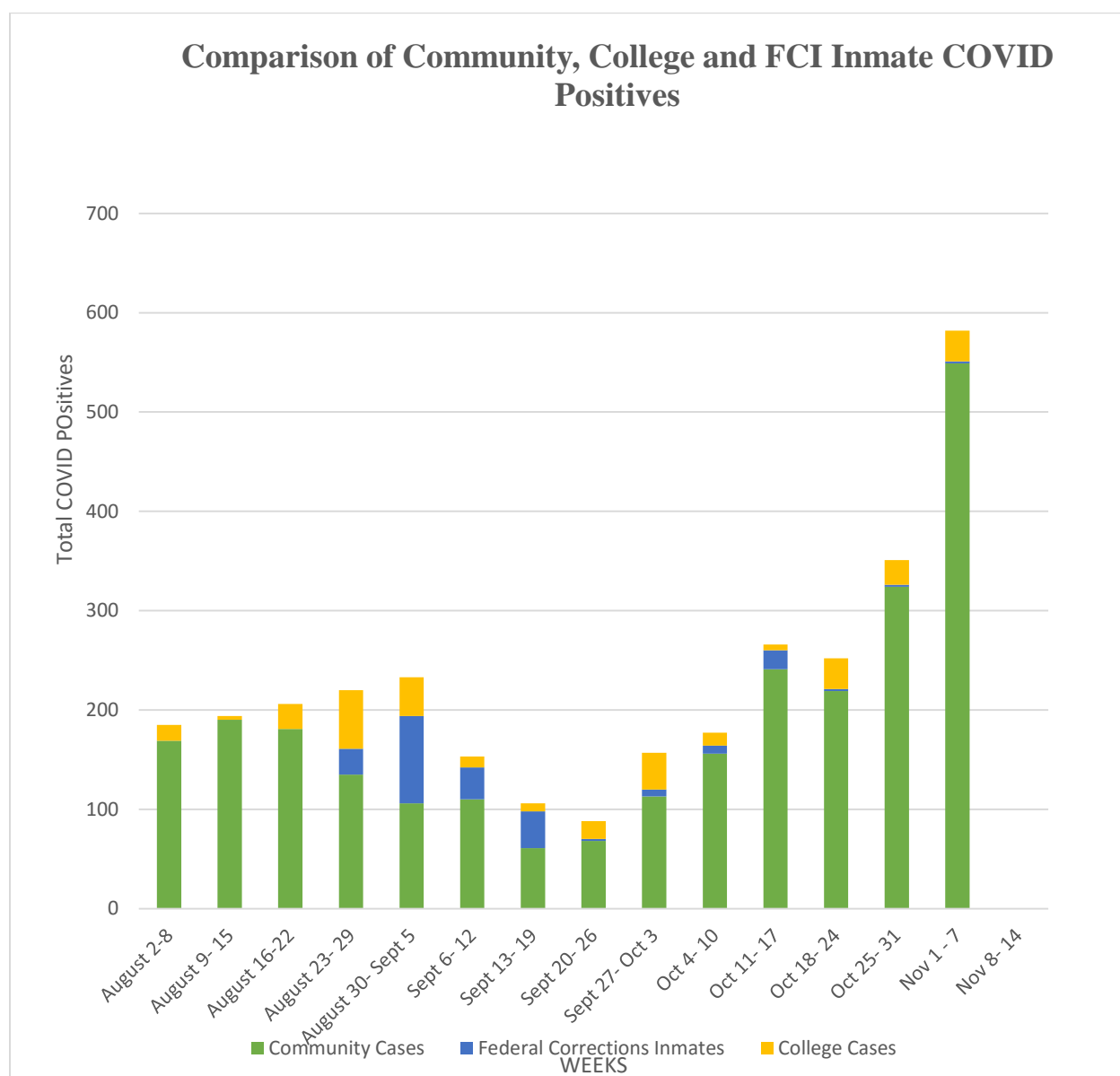
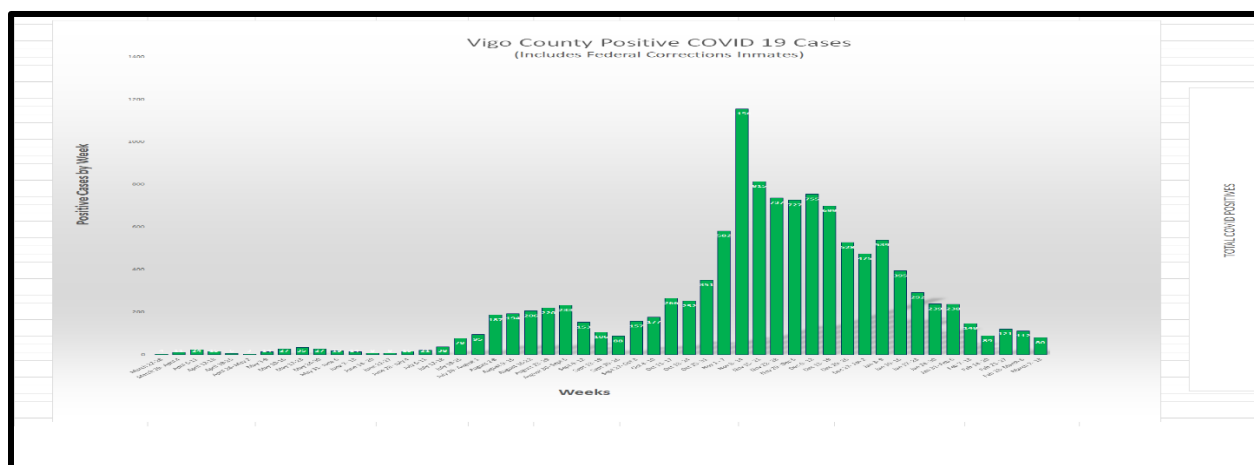
 Marc Keilman, PharmD Director Quality/Infection Control Union Health	 Nathan Vooy's Chief Executive Officer Terre Haute Regional Hospital	 Edward Rico, MD Chief of Medical Staff Horizon Health	 Adam Thacker, RPh, MBA Chief Operating Officer Good Samaritan	 Dorene Hojnicky, DO Director Vigo County EMA	 Roni Elder Health Educator Vigo County Health Department
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 **LIVE MONDAY**
8:00PM EST
ONLY ON WTWO FACEBOOK LIVE
AND MYWABASHVALLEY.COM

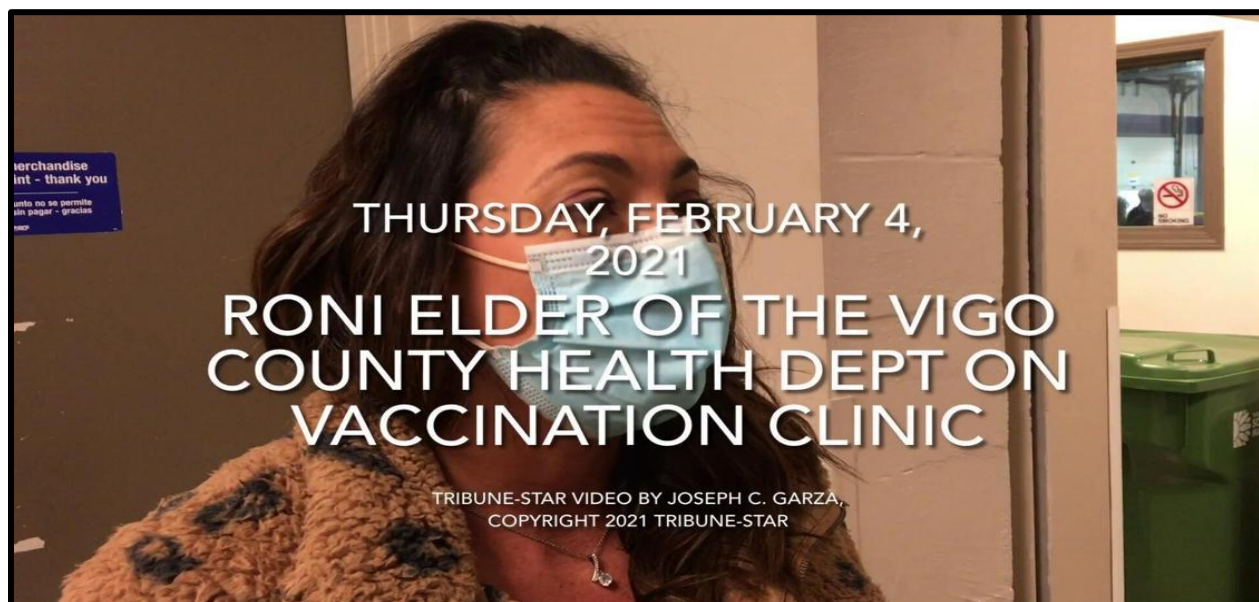


DISEMINATION OF WEEKLY GRAPHS





MEDIA INTERVIEWS IN PERSON...WITH A MASK OF COURSE!



VACCINATIONS! MASS PROPHYLAXIS CLINICS!



The Vigo County Health Department stood up a COVID-19 vaccine clinic at the Vigo County Government Annex.



**The Vigo County Health Department stood up a COVID-19 vaccine clinic
at the vacated Sears Automotive Center**



STAFFING AND VOLUNTEERS



- VC Health Department
- VCEMA
- Clinical Instructors and students from Ivy Tech, ISU, St. Mary of the Woods and IU School of Medicine, TH.
- Retired and current Nurses and Physicians
- Dentist
- Vigo County Emergency Response Team (CERT)
- Community Volunteers
- EMS



**Recent Indiana University graduates, Grant Hammons and Matt Gonzalez
working the clinic.**

CLINIC LOGISTICS

- Andrea Craft, R.N., VCHD Public Health Nurse designed the Annex Clinic through-put.
- Carolyn La Mar ANP-C designed the Sears Clinic through-put.
- Dr. Dorene Hojnicky, VC EMA Director coordinates staffing and volunteers.
- Chelsea Willis, R.N. is the Sears Clinic Incident Commander with Andrea Craft, R.N. as the back-up Incident Commander.
- Anne Stamper oversees registration of patients.
- Grant Hammons and Jake Schmidt oversee scheduling follow-up appointments for second doses.
- Jane Keyes, R.N. coordinates the vaccinators and scribes.
- Andrea Craft, R.N. oversees the vaccine including storage, drawing up shots from the vials and chain of custody to each vaccinator.
- Robbin Poore oversees the holding area after a person has received the vaccine.
- The VCHD Vector Control Division work the exterior doors.



Dr. Dorene Hojnicky, V.C. EMA Director



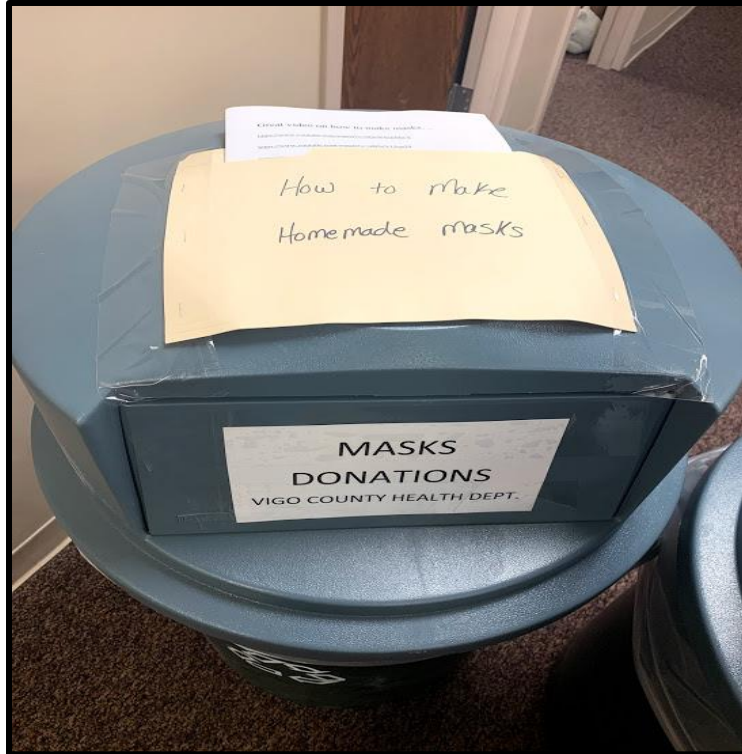
Anne Stamper, Registration Coordinator

MASK MAKING/DISTRIBUTION PROGRAM



Robin Maurer, Mask Program Coordinator





The End of Our Annapurna Year



Administrator, Joni Wise,



Contact tracers, Anne Pfaff & Lily Yeagley



Contact tracers, Luke Yeagley and Sofia Saylor



R.N.'s Twyla Spidel and Kacy Jo Rogers



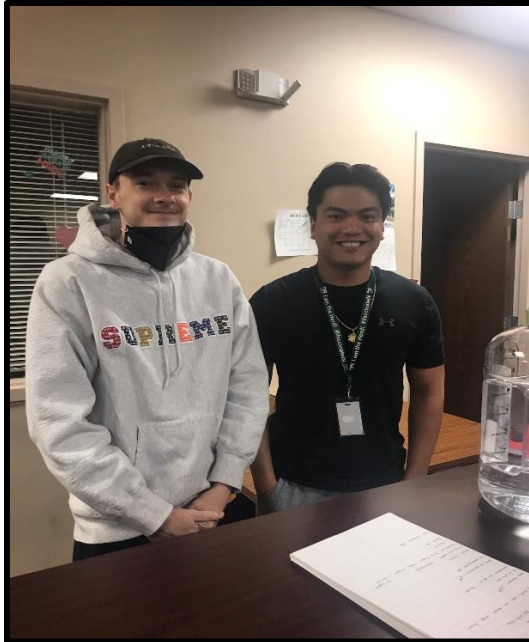
Jane Keyes, R.N.



Andrea Craft, R.N. having some fun!



**Chelsea Willis, R.N.
Vaccine Clinic Incident Commander**



Contact Tracers, Nathan Wright, Daniel Chua and Shelly James



**I.S.U. Employee Wellness Coordinator,
Amy Demchak
& Contact Tracer, Liam Balitewicz**

The End!