

ANNUAL REPORT

2016

for
**Champaign-Urbana
Public Health District**

201 W. Kenyon Road - Champaign, IL 61820



Public Health
Prevent. Promote. Protect.

Champaign-Urbana Public Health District

www.c-uphd.org

Introduction	2
Letter from the Administrator	3
CUPHD Board of Health	5
<u>Administration</u>	
ACME (Activity, Communication, Morale & Education)	8
Champaign County Medical Reserve Corp	8
Communicable Disease Corner	10
Emergency Preparedness Program	12
Finance	14
Human Resources	16
Information Technology	19
PHIRE (Public Health Institute for Research & Excellence)	19
Public Relations	19
<u>Programs</u>	
Environmental Health	21
Infectious Disease	25
Maternal & Child Health	30
Wellness & Health Promotion	34
<u>Quality Improvement</u>	46
CUPHD Information Guide	50



Public Health
Prevent. Promote. Protect.

Champaign-Urbana Public Health District

Champaign-Urbana Public Health District Annual Report—2016

The Champaign-Urbana Public Health District (CUPHD) has worked since 1937 to prevent disease and promote public health.

In 1996, the Champaign County Public Health Department was formed by a referendum of county voters bringing many of the same public health services to Champaign County residents living outside Champaign-Urbana.

Together these agencies provide a host of vital services to all Champaign-Urbana residents, as well as selected services to Champaign County residents at large. Public Health services include, but are not limited to, environmental health inspections and permits; disease tracking, reporting, and investigation; HIV counseling and testing, prevention, and management; sexually transmitted disease testing and treatment; family planning services; education and health promotion; preventive services and case management for women; immunizations; and an array of other services to pregnant women, children, teenagers, and adults of all ages.

This is a progressive report of public health services provided by the Champaign-Urbana Public Health District in 2016.



Public Health
Prevent. Promote. Protect.

Mission Statement

The mission of the Champaign-Urbana Public Health District is to improve and sustain the health, safety, and well-being of the community through preventive services, collaboration, education, policy, and enforcement.

Vision Statement

The Champaign-Urbana Public Health District is a progressive and respected advocate for the health, safety, and well-being of our community.

Values Statement

At the Champaign-Urbana Public Health District, we believe that all people have an equal right to health, safety, and well-being. We will strive to model respect, compassion, and integrity while providing services that are both innovative and adaptive to the culturally diverse population we serve. We will protect and promote the health and well-being of the community and position ourselves to respond to current and future public health challenges by building collaborative partnerships, continually measuring and improving effectiveness, maintaining sustainability, and demonstrating transparency.

Our Goals

- To Prevent Disease, Injury, and Disability
- To Promote Healthy Lifestyles
- To Provide Early Diagnosis for Improved Health Outcomes and Reduced Health Care Costs

Letter from the Administrator



Julie A. Pryde, MSW, LSW, CPHA

It is safe to say that 2016 presented a tumultuous year for Champaign-Urbana Public Health District (CUPHD) and many of our most vulnerable clients. The year started and ended without a state budget. While this unprecedented stalemate on the budget caused some headaches for CUPHD, it devastated many of our partner agencies and other health departments. The uncertainty caused by not having a state budget was a constant threat throughout all of 2016. This led to delays in payments from Medicaid, delays in state contract execution and payment, loss of services from partner agencies and other health departments, and anxiety for many of our clients. We were dealt two other blows when Health Alliance Connect pulled out of the Medicaid Managed Care group and the IL Department of Public Health changed the rules regarding the CHIP vaccination program. The new rules led to additional work for the local health departments, with no additional funding. Overall, 2016 was a year of putting out fires and scrambling

to figure out ways to meet the needs of those who depend on us.

CUPHD was able to expand on our collaborative services to help address the social determinants of health that can negatively impact our clients. We kicked off our year on a cold January day by hosting “The Cotton Bowl”, a diaper collection event to benefit our clients and those accessing the local diaper bank. Our goal was to spend 10 hours outside and collect 10,000 diapers. As usual, our amazing community stepped-up and we collected almost 19,000 diapers in one day! WDWS radio was a co-sponsor of this very successful event, which was the largest donation EVER to the Bottom Line Diaper Bank!

Another highly successful collaboration in 2016 was the expansion of the CUPHD food pantry, sponsored by “Friends of Champaign County Food Pantry”. In addition to passing out a three-day supply of food every Thursday afternoon, there is now a large supply of fresh produce and bread available every day that CUPHD is open. This fresh food is also supplemented with seasonal vegetables picked fresh from the CUPHD “Give Back Garden” and from Sola Gratia Farms. Additionally, during 2016, perishable foods were donated by the University of Illinois dining services. County Market and Strawberry Fields also donated regularly to the CUPHD Food Pantry. This service has been very well-received by our clients as have the continuation of free books for children every day and free children’s clothing on Tuesdays.

Cont’d

Zika virus consumed a great deal of time at CUPHD in 2016. Reports of Brazilian infants born with severe birth defects to mothers who had been infected with Zika virus captured the world's attention early in the year, but unfortunately politics allowed further spread. Congress dragged its feet on a funding bill to address Zika before it became widespread in Puerto Rico. This inaction likely led to spread of Zika into Florida and Texas. Our local Zika response involved trapping Asian Tiger mosquitoes (*Aedes albopictus*), which for the first time ever outnumbered the *Culex* species that we also collect. The Environmental Health Division focused heavily on mosquito abatement while the Communicable Disease Investigator spent a great deal of time educating people and submitting Zika testing forms.

Another interesting collaboration this year was with the University of Illinois, College of Business. They conducted a return on investment (ROI) study of our electronic health record (EHR). When we started the study, we

assumed that it would take approximately 10 years to see a return on our investment in the EHR. Even using very conservative assumptions, the study determined that we actually saw an ROI seven and one half years sooner. This was good and welcome news, especially in a time where grants are shrinking or disappearing, and costs are increasing. The expense of the EHR, including staff time, equipment and on-going licensing fees are offset by the increase in billing associated with our services.

While 2016 was certainly a very difficult year for state funding, CUPHD managed to keep solvent using our tax payer dollars, increased revenue for billing insurance and Medicaid, grants and contracts, our fund balance, and revenue from leasing space to other agencies. As we end 2016, we have plans to renovate additional empty space for our collaborating partners. We will also work to continue to seek funding and partnerships to meet the health, wellness, and safety needs of our community.



Champaign-Urbana Public Health District Board of Health

The Champaign-Urbana Public Health District (CUPHD) is governed by a three-person voting board made up of elected Champaign-Urbana officials. Advisors to the board include an appointed medical advisor, attorney, and treasurer. This governing board is directly responsible for overall operations, financial stability, and the community standing of the Champaign-Urbana Public Health District.



Michelle Mayol, Chairperson

I grew up in Mahomet, IL and graduated from Mahomet-Seymour High School in 1987. I moved to Urbana in 1994. I worked as a mortgage loan officer before accepting a job at the Cunningham Township Supervisor's Office in March 1997, where I have been employed ever since. I started out as the secretary and soon became the Assistant to the Supervisor and Director of Accounting and GA (general assistance) Medical. I ran uncontested in the April 2013 election for Township Supervisor. My term started May 20, 2013.

I have two children, Cameron and Zoe, and a Dachshund named Buddy. I have been a volunteer basketball coach for three years and a volunteer fast-pitch softball coach for one year. My kids are very active in sports, so when I am not at work, you can find me at a basketball game, a football game, a baseball game, a volleyball game, or a softball game.

I love to play softball, attend my kids' sporting events, and have backyard BBQs with family and friends. I am an Illini fan, a Bears fan, and I also like to cheer on the Cubs, especially when they are playing the Cardinals.



Andy Quarnstrom, Secretary

I grew up in Aurora, IL and after graduating high school decided I wanted a career in public safety. I entered Emergency Medical Technician school and after completion started working for an ambulance company in Morris, Illinois. Realizing I enjoyed the medical field as well as the challenges, I attended Paramedic school at Delnor Community Hospital in Geneva. After completing the course as well as clinicals, I was

Cont'd

hired as a paramedic for the Morris Fire Protection District in Morris, Illinois. I worked two years as a paramedic and was hired by Champaign Fire Department in July of 1997. At CFD, I have progressed through the ranks and am currently a Lieutenant. I have been active on numerous committees at the fire department as well as with Champaign Firefighters Local 1260, the labor organization that represents Champaign Firefighters. I graduated from Parkland College with an A.A.S. degree specializing in Paramedicine.

In 2013, I ran and was elected as the City of Champaign Township Supervisor. Since taking office we have expanded our available programs as well as increased the services provided to our citizens.

I am active in many community organizations including mentoring, coaching, as well as the United Way of Champaign County Board of Directors, and St. Matthew's Catholic Church. My wife, Erin, a speech pathologist on the Champaign Unit 4 autism team, and I were married in 2003. We have two children, Patrick and Ruari, who both attend St. Matthew's in Champaign. We enjoy children's activities, traveling, as well as working on projects around the house.



Pattsy Petrie, PhD, FAICP
Served 2014-2016

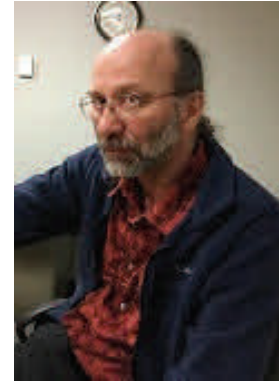
Pattsy Petrie, PhD, FAICP, is very involved in urban planning throughout the Champaign County community, particularly as chair of the Champaign County Board. Before retirement, she taught urban planning at UIUC. She is a fellow of the American Institute of Certified Planners. Ms. Petrie has been involved in the following:

- Member of the Champaign Phinney Branch Flood Task Force
- Worked with eight other residence of the John Street Watershed and neighborhood steering committee to work toward "green solutions" to mitigate storm water flooding
- Facilitator for the Champaign County BigSmallAll 18-month visioning process
- Facilitator for 11 charrettes along with her students in communities within Illinois—a charrette is a form of community planning that works toward the benefit of all community members
- One of five founders of the Preservation and Conservation Association (PACA) and was the author of the by-laws

Advisors to the CUPHD Board of Health include:

- ♦ Arnold Blair, Treasurer
- ♦ Fred Grosser, Attorney
- ♦ Dr. Anne Robin, Medical Advisor

- Member of the Champaign Zoning Ordinance Rewrite Task Force
- Member of the Champaign Center City Committee—developed a master plan for redevelopment along the Boneyard
- Member of the City of Champaign Environmental Advisory Commission, chair of Shade Tree sub commission
- Member of UIUC Environment Advisory Committee
- Champaign County Nursing Home—worked toward stabilizing the finances and keeping the home within the county
- Educator through her television program, Community Planning Conversations, on channel 6
- Creator of educational programs for “citizen planners”
- Democratic committee person
- President Little League
- Champaign County Farm Bureau, Land Use Committee and Legislative Committee
- Champaign County Health Care Consumers that evolved from a UI-UC Public Participation class



C. Pius Weibel
Term began December 2016

Dr. C. Pius Weibel came to Champaign-Urbana in 1978 for graduate studies in geology at the University of Illinois. After completing his studies, he was employed for nearly 30 years at the Illinois State Geological Survey, a division of the UI Prairie Research Institute. As a research geologist, his pursuits for acquiring geological information and coffee outlets lead him to all corners of the state, and resulted in numerous publications on Illinois geology, but none on coffee. He currently resides in Champaign with his spouse, who is an ESL teacher at Centennial High School. They have one daughter attending the UI and a second daughter attending Champaign Central High School. Mr. Weibel has served on the Champaign County Board from 2004-2012 and from 2014 to the present, and served on the CU Public Health Board, first from 2006-2012 and again, starting in 2014 to the present. He greatly enjoyed the 2012-2014 time period.



Administration

ACME—Activity, Communication, Morale, & Education

The mission of the ACME committee is to improve employee morale through activities, enhanced communication, and educational opportunities for staff.

Activities that ACME hosted or was involved with during 2016 included:

- Halloween costume contest
- Holiday shoppe
- NFL confidence pool
- Ping pong tournaments



Dawn of the Debs



Minions

Champaign County Medical Reserve Corps (MRC)

Medical Reserve Corps units are community-based and function as a way to locally organize and utilize volunteers who want to donate their time and expertise to promote healthy living throughout the year, and to prepare for and respond to emergencies. MRC volunteers supplement existing local emergency and public health resources.

MRC volunteers include medical and public health professionals such as physicians, nurses, pharmacists, dentists, veterinarians, and epidemiologists. Other community members, such as interpreters, chaplains, office workers, and legal advisors, can fill other vital support positions.



The Champaign County Medical Reserve Corps is housed under CUPHD and has been in place since 2006. In 2016, the Champaign County MRC continued to provide service opportunities and community outreach education. Multiple training opportunities were offered to MRC throughout the year.

Cont'd

2016 Activities:

- Illinois Marathon rehabilitation for runners
- Joint partnership with Prof. Justine Kaplan to provide volunteers throughout the year
- Developed online orientation and onboarding process for all volunteers
- Utilized illinoishelps.net for background checks of all volunteers
- Added 60+ volunteers by the end of 2016
- Conducted our first door-to-door canvassing project to study household preparedness levels in the county—CASPER
- Developed an Epi-disaster branch of the MRC

Communicable Disease Corner

Section 690.100 of the Illinois Administrative Code defines a list of 63 diseases that are declared to be contagious, infectious, or communicable and may be dangerous to the public health. Each suspected or diagnosed case needs to be reported to the local health authority, who shall subsequently report each case to the Illinois Department of Public Health.

Each year the Champaign-Urbana Public Health District staff investigates over 100 reportable communicable diseases. Reports come from hospitals, clinics, laboratories, veterinary school, physician offices, and from the general community. Follow up is done within the reporting timeline as defined in the Administrative Code.

In addition to the routine follow-up, there are outbreaks of communicable diseases that need to be investigated and resolved in a timely manner. To deal with outbreaks, the Health District adopts a team approach based on the National Incident Management System (NIMS) model.

Some of the Highlights of 2016 are as follows:

- Champaign County had four outbreaks this year
 - 1 Foodborne outbreak
 - 2 Norovirus outbreaks
 - 1 Hand Foot and Mouth outbreak
- On May 27, 2016, the 13 month long mumps outbreak ended with a total reported 317 cases. The mumps outbreak started in April 2015 and centered on the University of Illinois campus.
- In 2016, Champaign County confirmed three travel related Zika virus cases. The Champaign-Urbana Public Health District approved 42 specimens for Zika virus testing and continues to provide information and guidance on what health care providers should look for and do, as well as laboratory testing protocol.
- The Champaign Regional Infection Control Coalition was established in 2010. The goal of this coalition is to establish a group of infection control professionals to address current issues facing our community and provide a platform to address our specific concerns. The coalition meets three times a year.

Cont'd

Reportable Communicable Disease

CUPHD tracks and investigates disease outbreaks, conducts health assessments, produces community health plans, and supports all other activities and services of public health.

	Champaign Co.		Champaign Co.
Class 1(a) Reported Immediately		Class 2 Reported Within 7 Days	
None		Campylobacteriosis	24
		Cryptosporidiosis	3
Class 1(b) Reported Within 24 Hours		Hep B	30
Chickenpox	21	Hep C	79
Enteric E. Coli	7	Histoplasmosis	12
Foodborne or water-borne Outbreaks	1	Legionellosis	4
Haemophilus Influenza	2	Malaria	1
Influenza ICU Admissions	3	Salmonellosis	22
Mumps	126	Shigellosis	6
Pertussis	7	Arboviral Infection	8
Rabies, Potential		<i>(Including but not limited to Zika virus, California Encephalitis, St. Louis Encephalitis, West Nile virus, Dengue Fever, Chikungunya)</i>	
Human Exposure	6		
MRSA	2		
Streptococcal Infections, Group A	12		

VITAL STATISTICS

Champaign County Total:

Births: 3,428

Deaths: 1,775

Fetal Deaths: 39

Cont'd

Emergency Preparedness Program

CUPHD is the lead agency in Champaign County for public health-related emergencies. It also supports other agencies during emergencies not related strictly to public health. Examples of public health emergencies include terrorist threats, infectious disease outbreaks, natural disasters, and biological, chemical, nuclear, and radiological emergencies. The goal of the Emergency Preparedness Program is to prepare Champaign County for an active public health response in the event of a large-scale emergency.



The Emergency Preparedness Program is funded by the Illinois Department of Public Health, who receives federal funding and guidance from the Centers for Disease Control and Prevention (CDC). To help health departments in strategic planning, CDC identified 15 public health preparedness capabilities. CUPHD uses these Public Health Preparedness Capabilities to better response efforts and to identify needs for capabilities and resources improvement.

Currently, the Emergency Preparedness Program is administered by Emergency Preparedness Planner, Jane Li.

The program:

- Administers workforce training in emergency response
- Implements National Incident Management System (NIMS) Compliance
- Conducts outreach and collaboration with external partners such as public safety, private sector, non-governmental organization, and community organization for county-wide emergency response and preparedness
- Maintains and modernizes various emergency plans (e.g. All-hazards emergency operations plans, medical countermeasures dispensing, non-pharmaceutical interventions, pandemic influenza plans, and Continuity of Operations plans)
- Conducts drills and exercises that test emergency plans and capabilities
- Implements corrective actions learned from exercises
- Educates the community in preparedness to build community resiliency
- Coordinates and operates sites that will serve as emergency points of distribution (PODs) where medicine or vaccine will be dispensed in an emergency
- Recruits and trains volunteers to help in a health emergency

Cont'd

Notable Activities of 2016:

- Conducted multiple community outreach events to build community resiliency
- Provided revisions to budgeting cycle and assisted with strategic planning for the Region 6 healthcare coalition
- Converted Emergency Operation Plans to the IDPH online private web portal for emergency preparedness
- Environmental Health Specialist, Jennifer Schroeder, attended an immersive Environmental Health Emergency Response training in Anniston, AL in January
- Held our first CASPER pilot project, with the MRC
- Jane served as a mentor with NACCHO's roadmap to readiness program with five mentees throughout the United States
- Participated in a gas spill functional exercise with Marathon gas company
- Participated in a Radiologic Table Top Exercise with IEMA to assist with a radiologic reception center
- Held a Training and Exercise Planning Workshop with community partners to discuss CUPHD's annual training/exercise schedule for emergency preparedness



Finance

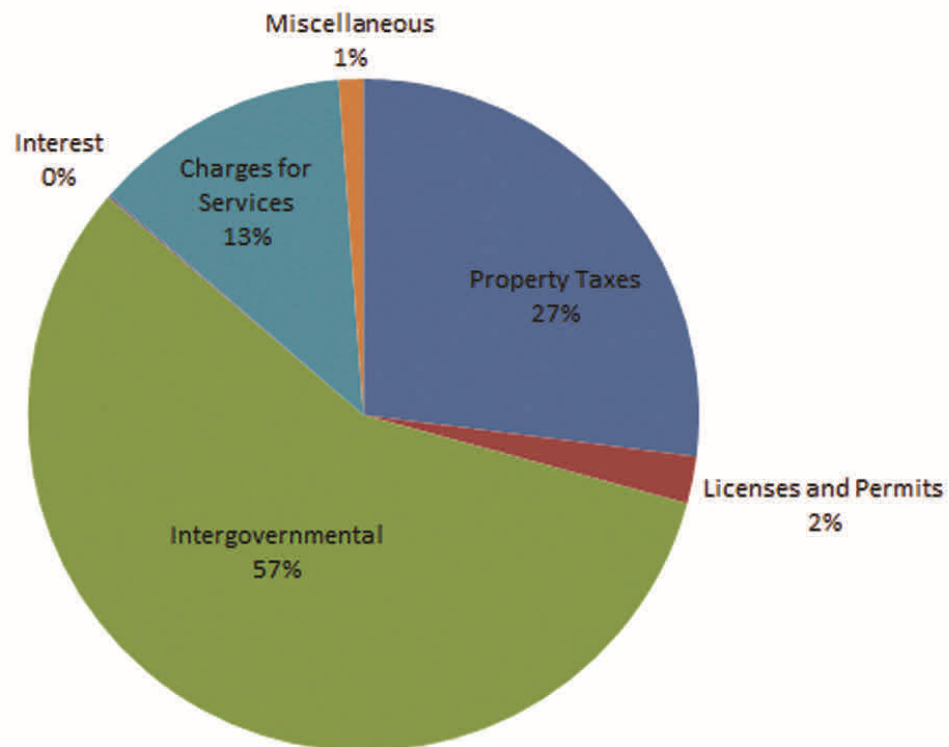
The Finance Division is responsible for recording all sources of revenues and expenditures for CUPHD by activity and ensuring that all financial activity is accounted for properly and is in compliance with federal and state regulations.

The Finance Division has continued to make great strides in all areas resulting in increased efficiencies in processes and procedures, timely matching of revenue to expenditures, reduction of write-offs and improvements in processes of

reporting to Division Directors, including the creation of a project sustainability report.

Financials remained consistent with prior years with less than 0.33 percent change in revenues and expenditures in spite of the State of Illinois not having a budget. The Fund Balance remained healthy at 35 percent of actual expenditures, and 39 percent of budgeted expenditures as compared to the target of 25 percent. Cash on-hand ended with 34 percent of actual expenditures.

Champaign-Urbana Public Health District Total Revenues for the Year Ended June 30, 2016



Cont'd

**Champaign-Urbana Public Health District
Statement of Revenues, Expenditures, and
Changes in Fund Balances (Deficit) - Governmental Funds
For the Year Ended June 30, 2016**

	General Fund	IMRF	Other Governmental Funds	Total Governmental Funds
Revenues				
Property Taxes	\$ 2,809,384	\$ 327,340	\$ 107,556	\$ 3,244,280
Licenses and Permits	272,403	-	-	272,403
Intergovernmental	6,607,209	198,554	47,957	6,853,720
Interest	12,708	-	-	12,708
Charges for Services	1,501,728	-	-	1,501,728
Miscellaneous	23,418	-	118,680	142,098
Total Revenues	11,226,850	525,894	274,193	12,026,937
Expenditures				
Administration	761,052	47,033	36,947	845,032
Champaign County Public Health Department - Contract	613,351	38,233	29,373	680,957
Environmental Health	693,092	39,219	35,169	767,480
Infectious Disease Prevention and Management	1,899,479	88,173	29,861	2,017,513
Maternal and Child Health	3,765,803	133,197	36,368	3,935,368
Special Projects	659,957	9,605	2,393	671,955
Wellness and Health Promotion	2,305,548	116,512	48,024	2,470,084
Debt Service:				
Principal	236,302	-	-	236,302
Interest	47,198	-	-	47,198
Capital Outlay	60,839	-	358,133	418,972
Total Expenditures	11,042,621	471,972	576,268	12,090,861
Excess (Deficiency) of Revenues Over Expenditures	184,229	53,922	(302,075)	(63,924)
Other Financing Sources (Uses)				
Transfers In	-	-	386,439	386,439
Transfers Out	(386,439)	-	-	(386,439)
Total Other Financing Sources (Uses)	(386,439)	-	386,439	-
Net Change in Fund Balance	(202,210)	53,922	84,364	(63,924)
Fund Balances (Deficit), Beginning of Year, as Restated	4,167,343	88,768	(10,770)	4,245,341
Fund Balances (Deficit), End of Year	\$ 3,965,133	\$ 142,690	\$ 73,594	\$ 4,181,417

Human Resources

The Human Resource Department at CUPHD provides support services to ensure employees have the tools to meet the District's overall objectives and that recruitment efforts maintain a strong workforce.

Human Resources is responsible for: recruitment; career guidance and advancement; formulation and enforcement of employee policies and procedures for best practices; health and safety compliance; training and development; benefits administration; position classification and grading; performance evaluation and management; compliance with employment laws; IMRF pension administration; and administration of equal employment opportunity policies.

Take Our Daughters & Sons to Work Day®

The 2016 annual Take our Daughters and Sons to Work Day® was held on Thursday, April 28, 2016. Twenty students ranging in age from 5-14 participated. The day was hosted by interns from the University of Illinois, School of Social Work. Activities included healthy breakfast and snack preparation; painting ceiling tiles to display public health messaging in CUPHD lab areas; gardening activities; and to finish off the day the Champaign Fire Department brought out a ladder truck so the students could climb aboard and explore.

HR Workforce Development & Related Activities:

- January 2016, CUPHD Wellness Committee sponsored a month-long desk challenge with a different exercise featured for each day.
- February 2016, CUPHD staff completed "Practicing Cross-Cultural Communications-The Bamboo Dragon" a training sponsored by the Public Health Training Center of New York-New Jersey.
- March 2016, HR led two quality improvement projects: Improving CUPHD's Onboarding/Orientation Process and Reducing Unscheduled Absences.
- April 2016, The CUPHD Wellness Committee sponsored a "*Biggest Winner Contest*" with challenge points earned for eating five servings of fruits and vegetables per day, doing some exercise daily and efforts to maintain or lose weight.
- August 2016, the CUPHD Board of Health approved revisions to the Non-Discrimination policy to add newly recognized protected classes.
- November 2016, Americans with Disabilities Annual Compliance Audit was conducted by HR.
- November 2016, HR Director led supervisor and staff trainings on the Family Medical Leave and Fair Labor Standards Overtime rules.

Cont'd

- December 2016, HR Director led a supervisor training on employee corrective action procedures.

2016 Staff Promotions:

- Wendy Partenheimer—Medical Billing Specialist to Central Intake Supervisor, 3/2016
- Travis Woodcock—Accountant I to Accountant II, 3/2016
- Nikisha Nelson—Public Health Nurse I to Public Health Nurse II, 3/2016
- Whitney Greger—Health Educator to Program Coordinator, 5/2016
- Penny Murphy—Environmental Health Specialist II to Program Coordinator, 7/2016
- Michael Flanagan—Environmental Health Specialist II to Program Coordinator, 7/2016
- Chad Parmenter—Public Health Nurse I to Public Health Nurse II, 9/2016

Additional information:

- College/University Student Internships: 22 student interns were engaged in CUPHD programming efforts throughout 2016.

- CUPHD hosted three successful employee blood drives conducted by Community Blood Services; 4/13/2016; 6/23/2016; and 9/1/2016.

- Freedom of Information requests totaled 87 for 2016.



2016 Take our Daughters and Sons to Work Day®

Cont'd

Health & Safety Training & Development

Monthly Staff Compliance Training:

• Blood Borne Pathogens	104
• Cross Cultural Communication	109
• Emergency Preparedness	108
• Ergonomics	108
• Fraud Waste & Abuse	108
• Hazard Communication	104
• HIPAA Privacy Rule	106
• HIPAA Security Rule	108
• Influenza Safety	103
• Privacy Breach & Identity	106
• TB Infection Control	104
• Workplace Violence Protection	107

Safety Officer / Safety Committee Activities:

- Annual Earthquake Drill
- Annual Review Safety Plans
- Annual Fire Drill
- Annual Review Emergency Plans
- Annual Review Safety Data Sheets (SDS)
- Annual TB Survey
- Annual Tornado Drill
- Bi-Monthly Agency Safety Inspections
- Bi-monthly Safety Committee Meetings
- CPR Instructor Training
- CLIA Laboratory Inspection
- Emergency Preparedness Mass Dispensing Training
- IPRF Loss Control Consultant Safety Inspection
- Walk-through Tour—Champaign Fire Department

Trainings / OSHA:

• Active Shooter Training	99
• Blood Pressure Training	9
• CLIA Lab Proficiencies	12
• CPR	52
• DCF5 Mandated Reporter Training	11
• Emergency Response Training Drug Reaction	29
• Employee Immunization Screenings	12
• Employee Influenza Vaccinations	108
• Immunization Competencies	18
• Intern Immunization Screenings	26
• Lab Microscopy Competencies	3
• N-95 Mask Fittings	73
• N-95 Medical Screenings	10
• TB Screenings	14
• TB Skin Tests	105



Information Technology

Information Technology is directly responsible for all day-to-day electronic operations at CUPHD. In addition, Information Technology oversees the creation and updating of the CUPHD website, the CUPHD closed-circuit TV system, phone systems, and audio systems.

Information Technology staff members provide case-by-case solutions for electronic issues, computer trainings, and educational opportunities for CUPHD staff. Information Technology is the central resource for research and development of electronic upgrades and equipment.

PHIRE



Public Health Institute for Research and Excellence (PHIRE) is the research arm of the Champaign-Urbana Public Health District (CUPHD). The Institute was created in 2009 to promote best practices through quality education, training, technology, evidence-based research, and effective partnerships that bridges academia and the local community knowledge.

In 2016, PHIRE continues to add evidence-based research projects and publish/present findings of our research. The PHIRE website can be accessed at: www.phire.c-uphd.org. For more information or to collaborate, please contact: Awais Vaid: avaid@c-uphd.org or Julie Pryde: jpryde@c-uphd.org.

Public Relations

Public Relations is directly responsible for all press releases, media requests, requests for interviews, and social media.

CUPHD receives numerous requests over the course of a year to speak on many different topics. Some of the 2016 topics included: smoke-free multiunit housing, Zika virus, restaurant inspections and food safety, West Nile virus, weather-related inquiries, and much more.

Also in 2016, CUPHD co-hosted the Cotton Bowl, a drive-through diaper drive benefitting the Bottom Line Diaper Bank. MTD generously donated the bus to fill on a very cold January morning.





Programs

Environmental Health

Environmental Health inspects food and drink establishments, reviews kitchen plans for new facilities, enforces environmental laws, issues permits for private water supplies, closed loop wells, and private sewage systems, and conducts surveillance and abatement for mosquitoes transmitting West Nile virus.

Food Protection

All restaurants, retail food stores, temporary food booths, taverns, convenience stores, and other types of food services must obtain a health permit to operate.



Environmental Health conducts unannounced inspections at all food service establishments, reviews plans for newly constructed or remodeled facilities, investigates complaints, and initiates legal proceedings for non-compliance. As part of an intergovernmental agreement, Environmental Health issues city food handler's licenses on behalf of the cities of Champaign and Urbana.

All food establishments within the CUPHD's jurisdiction are required by ordinance to post an Inspection Notice placard in conspicuous public view. Food establishments in Champaign County, but outside of the CUPHD's jurisdiction, are still not required to post an Inspection Notice placard.

Mosquito / West Nile Virus (WNV) Program

Environmental Health surveys mosquito pools and dead birds to detect and monitor the presence of West Nile virus in Champaign County. This information is collected and reviewed to assist in tracking West Nile virus activity for informing the public.

As part of an intergovernmental agreement with the cities of Champaign and Urbana and the Village of Savoy, Environmental Health provides a *Culex* mosquito program for these areas. A main component of this agreement is applying larvicide to catch basins to reduce mosquito populations.

Cont'd

Potable Water Program

Environmental Health issues permits for and inspects new well installations, conducts water sampling of new wells, and assures that abandoned wells are sealed. Environmental Health also tests and inspects non-community water supplies.

Environmental Health issues permits to construct closed loop wells (used for geothermal heating and cooling) for residential and non-residential properties, and conducts inspections of all new closed loop wells.

Private Sewage Disposal Program

Environmental Health reviews construction plans and applications for all private sewage systems for residential and non-residential properties and issues permits upon approval. Inspections are performed on new systems, renovations or repair work, or as a result of complaints.

Radon Program

Radon is a naturally occurring, invisible, odorless gas that comes from deposits of uranium in soil, rock, and water. Environmental Health offers short-term radon test kits to Champaign County residents.

Tanning Program

All tanning establishments in Champaign County must follow the guidelines of the Illinois Department of Public Health (IDPH). Environmental Health inspects public tanning facilities and responds to complaints.



Cont'd

Totals for 2016

	C-U	County
<u>Food Establishments</u>		
Routine Inspections Conducted	1,063	410
Re-inspections Conducted	55	11
Temporary Permits Issued	176	237
Plan Review/Site Visits/Construction Surveys	33,403	6,887
Education Presentations	89	19
Complaint Investigations	158	41
Consultations/Counseling (Field/Office)	39,843	15,192
<u>Mosquito/West Nile Virus Program</u>		
Mosquito Traps Placed/Collected	25	28
Positive Mosquito Batches	5	4
Dead Birds Submitted for Testing	4	1
Positive Birds	3	1
Complaint Investigations	16	12
Consultations/Counseling	112	93
<u>Potable Water Program</u>		
Water Well Permits Issued	2	82
New Wells Inspected	2	81
Water Wells Sealed	0	28
Sealed Water Wells Inspected	0	28
Closed Loop (Geothermal) Well Permits Issued	6	19
Closed Loop (Geothermal) Wells Inspected	7	19
Consultations/Counseling	11	458
<u>Private Sewage Disposal Program</u>		
Permits Issued	0	94
Inspections Conducted	0	112
Complaints Received	2	15
Complaint Investigations	3	28
Consultations/Counseling	1	665

Cont'd

Totals for 2016

	C-U	County
<u>Radon Program</u>		
Test Kits Distributed	58	22
Test Results Received <4 pCi/L	24	8
Test Results Received \geq 4 pCi/L	10	8
Consultations/Counseling	58	37
<u>Tanning Program</u>		
Inspections Conducted	18	2
Consultations/Counseling	0	0



Infectious Disease

The Division of Infectious Disease Prevention and Management is a multi-disciplinary team of nurses, counselors, substance abuse professionals, case managers, and an Advanced Practice Nurse. The goal is to provide all available services to the individual during their visit. Risk reduction counseling and risk reduction supplies are provided in all services. Immediate, on-site referral to Care Connect services are provided to all persons who are HIV positive. Partner counseling and referral services are offered to all persons who have an STI or HIV. Support groups are offered monthly for persons infected or affected by HIV.

Check Out Healthy (Jail Project)

“Check Out Healthy” is a collaborative effort between the Champaign County Correctional Facility and the CUPHD Infectious Disease division. “Check Out Healthy” is a transitional case management program that offers pre-release support, STI screening, and discharge planning. The program is offered to all inmates who are HIV+, and those at an increased risk for becoming HIV+, who are housed at the Champaign County Correctional Center. All inmates are offered HIV and syphilis testing. Those 25 years old and younger or that report STD symptoms are offered urine testing for gonorrhea and Chlamydia during the weekly on-site clinic.

CUPHD Mobile Program

CUPHD currently has two (2) mobile units that provide HIV/STD services to Champaign County clients in their neighborhoods during times that are most accessible to the residents. This program provides an innovative solution for those residents that desperately need CUPHD services, but are unable to access them due to transportation or scheduling challenges.

Weekly outreach is conducted at the soup kitchen. CUPHD mobiles are also available for events such as neighborhood and church health fairs and much more!

Extra-Genital Testing

CUPHD provides extra-genital (rectal and pharyngeal) testing for gonorrhea and Chlamydia for men who have sex with men (MSM). It is estimated that urine screening alone misses 85 percent of Chlamydia infections and 72 percent of gonorrhea infection in MSM.

- 163 rectal Chlamydia
12 positive (8%)
- 163 rectal gonorrhea
18 positive (11%)
- 221 pharyngeal Chlamydia
2 positive (1%)
- 221 pharyngeal gonorrhea
23 positive (11%)

Cont'd

Family Planning Clinic

CUPHD provides Family Planning services. These services allow individuals and families to make decisions that benefit the mother and babies. Spacing births by at least two years is related to healthier birth outcomes. Planning for a pregnancy allows a woman to prepare for a healthy pregnancy by adopting a healthier lifestyle. Several public health initiatives can assist this planning. Women can prepare for pregnancy by discontinuing smoking, getting physically fit, maintaining a healthy weight, and taking folic acid to prevent birth defects.

Family Planning services at CUPHD include a Pap Smear (cervical cancer detection), reproductive health examinations for female and male clients, breast examinations, client education on reproductive health, and a variety of pregnancy prevention options. Pregnancy prevention options include: oral contraceptives, trans-dermal contraceptive patch, vaginal contraceptive ring, Depo-Provera, and emergency contraceptive pill. Condom use is encouraged for disease prevention and secondary pregnancy prevention.



HIV Care Connect

CUPHD serves as the Lead Agent for the East Central Illinois HIV Care Connect which serves the following counties: Champaign, Clark, Clay, Coles, Crawford, Cumberland, Douglas, Edgar, Effingham, Ford, Iroquois, Jasper, Kankakee, Lawrence, Livingston, Richland, and Vermilion. Case management is provided to persons living with HIV in each county.

In 2016, over 300 persons living with HIV were offered medical case management at CUPHD. Medical case management is a formal and professional service that links clients with chronic conditions and multiple service needs to a continuum of health and social service systems. This system strives to ensure that clients with complex needs receive timely coordinated services which assist a client's ability to function independently for as long as is practical. Medical case management assesses the needs of the client, the client's family, and the client's support system as well as arranges, coordinates, monitors, evaluates, and advocates for a package of multiple services to meet the specific client's complex needs.

HIV Testing & Counseling

Infectious Disease provides HIV testing and counseling services to those most at risk for HIV infection. Testing is available using a rapid testing technology.

Cont'd

Juvenile Detention Center Outreach

STD education and urine screening for Chlamydia and gonorrhea and rapid HIV testing is offered to all of the youth during a weekly on-site STD clinic.

Men's Screening Clinic

Infectious Disease staff provides a special Men's Clinic for STD services at an off-site location. This clinic is available to walk-in clients on Wednesdays (4:00 - 6:30 PM).

Services include testing, treatment, and counseling for the following: Chlamydia, Gonorrhea, Syphilis, Hepatitis C, and HIV.



Mpowerment Project

This community-level intervention for young men who have sex with men uses a combination of informal outreach, discussion groups, creation of safe spaces, social opportunities, and social marketing to reach a broad range of young gay men with HIV prevention, safer

sex, and risk reduction messages.

In 2016, an Mpowerment project for young African American men who have sex with men, "Brother to Brother" was continued. This project follows the same model but adds components of race and cultural identity to increase HIV prevention.

More information about this program can be obtained by calling 217.531.5356.

Pregnancy Screening Project

Clients, 25 years of age and younger or those who report STD symptoms, that present for pregnancy testing are provided "opt-out" testing for gonorrhea and Chlamydia with the urine specimen they provide for pregnancy testing.

PrEP

CUPHD offers Pre-Exposure Prophylaxis (PrEP) to clients at increased risk for HIV infection. PrEP is a medication that is taken daily to prevent HIV infection. It has been shown to be very effective at reducing risk of new infections, over 90 percent effective if taken daily as prescribed. Fifty-six clients were engaged in the CUPHD PrEP program in 2016.

Cont'd

STD Services

CUPHD provides STD services at 201 West Kenyon Road, Monday through Friday from 8:30—11:30 AM and 1:00—4:30 PM. Services include counseling, testing, and treatment for the following: Chlamydia, Gonorrhea, Syphilis, Hepatitis C, HIV. Additional services include Hepatitis A & B vaccines.

STD Surveillance

Infectious Disease provides surveillance services for clients that test positive for sexually transmitted infection. CUPHD staff works confidentially with any clients that test positive for STIs to locate, test, and treat sexual partners.

Tuberculosis (TB) Program

One-third of the world's population is infected with Tuberculosis (TB), and one person with active TB can infect 10-15 other people in a year! CUPHD offers TB skin tests every week and follow-up treatment when needed for those who test positive. Field TB testing is available for at-risk groups. CUPHD also offers professional speakers to make TB presentations upon request.

In 2016, CUPHD managed five newly diagnosed people with active TB disease through Directly Observed Therapy (DOT).

Totals for 2016

		Positive
<u>STD Clinics—Client Testing & Services:</u>		
Chlamydia	1,383	181
Gonorrhea	1,383	74
Hepatitis C	89	8
HIV	1,239	6
Syphilis	1,188	23
Hepatitis Vaccine (A, B, AB)	26	
HPV Vaccine	13	
<u>Men's Clinic:</u>		
Chlamydia	37	1
Gonorrhea	37	0
HIV	35	1
Syphilis	27	0
<u>Tuberculosis (TB) Program:</u>		
Total TB Skin Tests	492	

Cont'd

Totals for 2016

		Positive
<u>Check Out Healthy (Jail Project):</u>		
Chlamydia	231	25
Gonorrhea	231	6
Syphilis	290	3
HIV	288	0
Hepatitis C Test	20	5
<u>Juvenile Detention Center Outreach:</u>		
Chlamydia	99	9
Gonorrhea	99	0
HIV	0	0
<u>HIV Testing & Counseling:</u>		
Tests Conducted	212	2
<u>Pregnancy/STD Project:</u>		
Chlamydia	68	10
Gonorrhea	68	0
<u>STD—Surveillance:</u>		
Persons Notified & Brought To Treatment	160	
Partners Treated	165	
Expedited Partner Therapy	64	
Syphilis Cases	22	
Syphilis Cases Managed by CUPHD	10	
Partners of Syphilis Patients Treated	7	



Maternal & Child Health

Maternal & Child Health (MCH) provides services to at-risk mothers and children in Champaign County. Services include WIC, immunizations, lead poisoning screenings, HealthWorks, Family Case Management, nutrition counseling, and MUCH MORE!

Family Case Management

Family Case Management provides preventative care, developmental testing, immunizations, referrals, and follow-up for pregnant women and children who meet income guidelines. Home visits are done once during pregnancy and once during the postpartum period. The car seat program is in collaboration with Safe Kids of Champaign County. The Illinois Department of Public Health (IDPH) Genetics Grant provides funding for prenatal genetic screening. Denver II and Ages and Stages standardized developmental screenings are used and the Edinburgh tool is used for postpartum depression screenings.

Give Back Garden

The Give Back Garden, established in 2012, has been providing fresh fruits and vegetables to local Champaign County families at no cost. The mission of the Give Back Garden has been to increase the availability of fresh produce to residents that might otherwise lack access to it, and thus have been primarily serving WIC participants. In 2016, CUPHD grew and distributed approximately 680 pounds of produce.

CUPHD hosted its 4th annual plant sale and started the process to replace old beds with stronger material. Pallets of compost were generously donated for use in the Give Back Garden.

The garden is maintained by a few CUPHD employees with the help of many volunteers. Volunteers range from individuals who are simply interested in giving back to their community, to student groups from the University of Illinois, and even service organizations from around the state. Volunteers not only gain hands-on experience in growing food from seed, but they also gain a greater understanding of food insecurity in the U.S.



The vision for the future is to transform the Give Back Garden into a true community garden in which members of the community gather to grow food, build relationships, and participate in the growth of the Give Back Garden program. CUPHD plans to maintain the valuable partnerships it has established with other organizations. In addition, CUPHD would like to see the garden

Cont'd

program, as a whole, become self-sustainable by conserving resources as much as possible, and by generating enough income to maintain the basic needs from year to year.

HealthWorks

HealthWorks for Illinois is a collaborative effort between the Department of Children & Family Services (DCFS) and Public Health. Public Health in Champaign County serves as the Lead Agency for Champaign, Ford, and Iroquois counties.

HealthWorks provides advocacy and referrals to pregnant DCFS wards and their children. HealthWorks works closely with foster parents and case-workers to ensure that those in foster care receive appropriate medical care.

Lead Blood Draws

The Illinois Department of Public Health (IDPH) provides a grant to draw blood to check lead levels for Medicaid clients age 1 and 2-1/2. If a child is found to have an elevated level, follow-up services, including a home assessment, are provided.

Milk Bank

In June of 2014, the Maternal Child Health division expanded services protecting the health of our community's most fragile members, premature babies. Many mothers of premature infants struggle to provide their milk for their baby, and donor milk is in short

supply. Increasing the awareness of milk donation and making it easier for mothers to donate can help bridge this gap. Partnering with The Milk Bank of Indianapolis, CUPHD became the first Milk Bank Depot in central Illinois. Depots are designated drop off locations that house a Milk Bank deep freezer, providing convenient storage and shipping for donor moms. After being screened and approved by The Milk Bank, mothers who wish to donate breast milk can bring it to CUPHD, which then stores and ships it to The Milk Bank in Indiana where it is processed and distributed to hospitals for babies in need across the US. The CUPHD depot shipped 23,729 ounces in 2016 and more than 43,000 ounces (335 gallons) since inception, providing a great way for breastfeeding mothers to make a difference in the lives of other babies.



Cont'd

Parent Wonders

CUPHD has an agreement with the Parent Wonders program to visit the Rantoul office to provide support and parenting/child interaction skills education to clients that are participating in WIC services.

Summer Food Program

CUPHD acts as an open site for the Federal Summer Food Program and offers nutritious meals (breakfast, lunch, and afternoon snack) to any child 1-18, during the summer months. Many children receive a significant amount of their daily food from the school-based programs and this is missing when school is not in session. CUPHD works to fill this need. This is in collaboration with the Illinois State Board of Education and funded by Federal reimbursement.

Summer food sites included CUPHD, Springer Recreation Center, Leonhard Recreation Center, Anita Purves Nature Center, Brookens Gym, and Phillips Recreation Center.

	<u>2015</u>	<u>2016</u>
Breakfasts	14,695	16,129
Lunches	2,163	5,055
Snacks	10,536	11,034
Dinners		103
Total meals served	27,394	32,321

Vaccines for Children

CUPHD provides immunizations to kids through the federal Vaccines for Children (VFC) program. There is no cost for these vaccines, and there is only a small administrative fee for each dose, which is billable to Medicaid.

Any child who lives in Champaign County AND who is a Native American or a Native Alaskan, OR is uninsured, OR has insurance that does not fully cover the cost of vaccination is eligible for vaccines. Underinsured children are eligible through an agreement with Frances Nelson Health Center.

Women, Infants & Children (WIC)

WIC provides nutrition assessment, counseling, and supplemental food coupons for “at-risk” pregnant and postpartum women, infants, and children up to age 5.



Cont'd

Totals for 2016

	Total
<u>HealthWorks:</u>	
Average Monthly Caseload	653
<u>Lead:</u>	
Lead Screenings	406
<u>WIC:</u>	
Funded Caseload	3,800
Total Certifications/Enrollment Visits	4,580
Secondary Education Visits	7,445
Follow-up Visits	2,769
<u>Family Case Management:</u>	
Developmental Screenings	1,933
Perinatal Depression Screenings	2,455
Pregnancy Tests	236
<u>Safe Kids:</u>	
Total Seats Checked	309
Total Seats Distributed	155
Total People Education	513
<u>Vaccines for Children:</u>	
Total Vaccines	2,857
Well Child Visits	311
School Physicals	69



Wellness & Health Promotion

Wellness & Health Promotion works to implement policy and environmental changes in the Champaign County community in order to support positive health behaviors, and provides educational, supportive, and preventative programming to residents throughout Champaign County through the CUPHD Dental Clinic, the Urbana School Health Center, the Illinois Breast & Cervical Cancer Program, Illinois Tobacco Free Communities, Coordinated School Health, teen pregnancy prevention and STD prevention, various workshops, programs, and community events.

Be Proud! Be Responsible! (Ended FY16)

Be Proud! Be Responsible! is a six-part curriculum that provides adolescents with the knowledge, motivation, and skills needed to reduce their risk of contracting HIV and other STDs. The overall goals of this curriculum are to reduce unprotected sex among sexually active youth, delay initiation of sex among sexually inexperienced youth, and help young people make proud and responsible sexual choices.



Champaign County Tobacco Prevention Coalition

CUPHD leads the Champaign County Tobacco Prevention Coalition, which shares information and coordinates local tobacco prevention efforts. The coalition supported CUPHD's tobacco policy change efforts, and also advocated for raising the age of tobacco sales in Illinois to 21.

Counter Marketing

Tobacco companies spent nearly \$25 million every day in 2014 to market their products. Evidence has shown that tobacco advertising influences youth to start using tobacco. CUPHD worked to counter tobacco marketing locally in several ways in 2016.

To promote counter marketing messages at the point-of-sale of tobacco products, CUPHD asked local tobacco vendors to hang CDC Tips from Former Smokers ads in their stores. Most vendors agreed to hang the counter marketing posters. We thanked these vendors on our website.

Additionally we conducted audits of all tobacco vendors in Champaign County and analyzed the data. We found that tobacco vendors were more likely to be located by schools in lower income areas of Champaign County. We found that tobacco was more accessible to children in certain villages, and that there were more tobacco vendors in certain areas. We created an infographic mapping out our data, and publicized this information in the media, as well as

Cont'd

presenting the information to village boards.

We also focused on counter marketing with our REALITY members at JW Eater Junior High School this year. The students had a school-wide counter marketing poster contest, and then they approached Rantoul tobacco vendors with requests to hang the two winning ads. We ran one of the winning ads on a billboard in Rantoul as well.

CUPHD Dental Program

The CUPHD Dental Program is the Dental Home for approximately 7,000 children ages 0-18 enrolled in Champaign or Urbana School Districts and Champaign County children in foster care. Services include preventative and restorative care, and space maintainers. CUPHD staffs clinics in Champaign and at the Urbana School Health Center. CUPHD employs two full-time and one part-time dentists, five full-time dental hygienists, three full-time dental assistants, and four full-time support services staff who coordinate mobile clinics, schedules, insurance, continuing care, educational projects, and supply grants.

CUPHD's mobile dental program provides dental exams, cleanings, fluoride, and dental sealants to Urbana and Champaign Public School students in grades Pre K – 12 at school using mobile dental equipment. This mobile program is certified by the Illinois Department of Public Health and has received outstanding compliancy audits for the past 10 years. Programs are supported by Medicaid and MCO billing and a dental

supplies grant from Oral Health America.

CUPHD Dental also supports Maternal and Child Health / WIC nurses who are certified to provide oral health screenings and education, and to apply fluoride varnish to clients under 5 years old. They also assist their patients in making a first dental visit by age 1 through the children's dental clinic.

Kara Ruffatto, DMD, full-time dentist at CUPHD, is an American Academy of Pediatrics Bright Smiles from Birth trainer, and provides annual oral screening and fluoride varnish training to MCH/ WIC nurses and UIUC student nurses annually.

Activities included:

- Partnered with Illini Dental Society, SmileHealthy, and Parkland College Dental Hygiene for Give Kids A Smile® Day, and provided free dental exams and cleanings for 100 children
- Received an educational supplies grant from Delta Dental of Illinois and provided 10 Teeth-on-the-Go kits and 1,300 toothbrush kits to C-U classrooms
- Mobile sealant program expanded service providing care to Champaign High Schools
- Mentored four UIUC Community Health/Pre-Dental student interns
- Presented oral health education at Urbana Early Childhood, Chesterbrook Academy, and 10 C-U Elementary Schools

Cont'd

- Provided Public Health educational presentations to 36 Parkland Hygiene students
- Provided free dental exams and dental sealants during Saturday immunization clinic at CUPHD
- Partnered with American Water of Illinois to provide 1,000 free water bottles to Urbana students

E-cigarette-Free Policies

CUPHD increased its efforts to prevent electronic cigarette use this year. E-cigarettes contain many of the same carcinogenic chemicals as cigarettes, in addition to some other dangerous chemicals. E-cigarette usage has grown exponentially in the US, and they have surpassed cigarettes in popularity among teens.

Our e-cigarette prevention work was focused primarily on helping local organizations and businesses develop e-cigarette-free policies. We created educational literature, sent out a mailing to local organizations, and provided organizations with sample policy language. We compiled a directory of e-cigarette-free organizations, and ran a full-page newspaper and digital ad on World No Tobacco Day recognizing 150 of these local organizations for protecting public health. We also created and distributed e-cigarette-free window clings. Additionally we talked to local government bodies about the benefits of e-cigarette free policies, and we used our website and social media to get our message out.

As a result of our work we expanded the number of local organizations with

e-cigarette-free policies. There were 313 Champaign County e-cigarette-free organizations in our directory at the end of 2016.

Hand Washing Education

Wellness & Health Promotion offers a limited supply of age-appropriate hand washing and flu prevention materials for local schools and child care facilities. To inquire about these FREE materials, call Crystal Anderson at 217-531-2935, while supplies last. In addition, CUPHD occasionally offers a hand washing presentation to K-2 classrooms called Germ Busters. For more information about Germ Busters, contact Talia Shaw at 217-531-4540.



Health Education Activities

Champaign-Urbana

- Give Kids A Smile® Day
- Great American Smoke Out
- Screened “Someone You Love: The HPV Epidemic” at the Art Theater
- Parkland Health Fair
- Urbana City Counsel Smoke-Free Housing Presentations
- Smoke-Free Multiunit Housing Presentation at UIUC Housing Fair

Cont'd

- Smoke-Free Housing Presentation for the Hartford Condo Association
- Smoke-Free Presentation at Sunnycrest Senior Housing
- Smoke-Free Presentation at Florida House Senior Housing
- Smoke-Free Housing Survey at Sunnycrest Senior Housing
- Tenant Union Conference Smoke-Free Housing Presentation
- Community Health Intern Fair at UIUC
- Community Health 210: Community Health Organizations Presentation at UIUC
- Interdisciplinary Health Class Presentation at UIUC
- Walk With the Mayors Event at Douglass and Crystal Lake Parks
- Wellness “Spring Fling” Fair at Douglass Community Center
- Smoke-Free Grounds Presentation for the Champaign Center Partnership
- Kids’ Corner Classes at CUPHD
- Flu Presentation at Brookdale Assisted Living
- Bike Rodeo at Living Hope Church
- Zika Presentation to Sexual Health Peers at UIUC
- Pneumonia Presentation at Brookdale Assisted Living
- Health and Safety Presentation at Youth In Transition Conference
- PAR Condom Carnival and Sexual Health Fair Display at UIUC
- Smoke-Free Parks Presentation at Tolono Park District Board Meeting
- Smoke-Free Parks Presentation at Forest Preserve Board Meeting
- E-Cigarette and Tobacco Counter Marketing Presentation at Pesotum Village Board Meeting
- E-Cigarette and Tobacco Counter Marketing Presentation at Ogden Village Board Meeting
- E-Cigarette and Tobacco Counter Marketing Presentation at Sidney Village Board Meeting
- E-Cigarette and Tobacco Counter Marketing Presentation at Homer Village Board Meeting
- E-Cigarette and Tobacco Counter Marketing Presentation at Longview Village Board Meeting
- Wellness Booth at Rantoul Harvest Festival
- Three Tobacco Prevention PSAs Aired on Local Television Stations and Online

Illinois Breast & Cervical Cancer Program (IBCCP)

The Illinois Breast and Cervical Cancer Program underwent exciting changes in 2016. In July, three counties were added to the Champaign-Urbana IBCCP lead agency. In addition to Champaign, McLean and Vermilion counties, IBCCP now serves Peoria, Marshall and Woodford counties. Outreach within the new areas is an especially important activity. Developing working relationships, introducing providers and clients to IBCCP office procedures, and explaining program guidelines continue to be top priorities.

Champaign County

- REALITY IL Students Displayed Tobacco Counter Marketing Advertisements in Rantoul
- Smoke-Free Parks Presentation at Ogden Village Board Meeting

Cont’d

Outreach efforts in rural and isolated areas continued throughout the year, with extra emphasis placed on reaching women in the Latino community. The *Clinical Navigation of the Insured* component of the program has proven to be very popular with clients transitioning into using private health insurance or Medicaid. Many women have health care coverage for the first time, and this navigation component guides clients with finding a provider and scheduling appointments.

IBCCP now has the option to help women who have health insurance with a high deductible. These types of insurance policies normally pay for an exam and mammogram as part of the wellness benefit, but charges for diagnostic services are applied to the deductible; IBCCP can now pay a portion of those charges.

The Illinois Breast and Cervical Cancer Program continues to grow and adapt to changes in the health care environment with regard to both client and financial interests. This is a challenge the staff of IBCCP is proud to accept.

Not Here

Not Here is a tobacco sales compliance program for Champaign, Urbana, and Rantoul tobacco vendors. CUPHD notifies vendors that they will be checked three times per fiscal year for compliance with minimum age tobacco laws. Congratulatory letters are sent to stores that pass “secret shopper” compliance tests, or citations are written for non-compliance. CUPHD staffs adult

chaperones and teens ages 16 or 17 for the program. This is in cooperation with local law enforcement.

REALITY Illinois

REALITY Illinois is an anti-tobacco movement created by and for Illinois teens. REALITY Illinois spreads the word about tobacco industry manipulation, the harms of secondhand smoke, and the dangers of tobacco use. CUPHD is working with youth at JW Eater Junior High in Rantoul to counter tobacco marketing in Rantoul, as well as to advocate for raising the age for tobacco sales to 21.

Smoke-Free Illinois Compliance

Smoke Free Illinois Compliance is an education and enforcement program for Smoke Free Illinois. CUPHD is responsible for receiving and investigating complaints for Champaign County, including those made to the State of Illinois, the smoking complaint hotline at CUPHD, and the CUPHD website. CUPHD will help businesses to comply where possible, and issue citations when appropriate.



Cont'd

Smoke-Free Multi-Unit Housing

CUPHD works with private and public housing managers, owners, and tenants to create smoke-free policies because secondhand smoke drifts in multiunit housing buildings.

We continued to help landlords make their properties smoke-free by adding smoke-free language to their leases and rules. We reached out through newsletters, phone calls, and mailings. We held a ribbon-cutting ceremony at a senior low income housing apartment building that went smoke-free. The ceremony was attended by local elected officials. We also reached out to tenants during information and health fairs. We worked individually with tenants who were struggling with secondhand smoke in their apartment buildings. Throughout the year we continued to build our smoke-free multiunit housing directory.



As a result of CUPHD's advocacy to protect resident health, we increased the amount of smoke-free multiunit housing in Champaign County. Our directory featured 272 local smoke-free multiunit housing locations at the end of 2016.

Smoke-Free Outdoor Areas

Smoke-free outdoor spaces protect the public from the hazards of secondhand smoke and toxic tobacco litter, as well as model healthy behavior.

CUPHD continued its work toward smoke-free parks by distributing gold, silver, and bronze smoke-free park awards to local villages and park districts, in partnership with the Champaign County Tobacco Prevention Coalition. Many of the awards were covered in the media.

CUPHD also expanded its smoke-free outdoor spaces initiative this year to include more smoke-free campuses and grounds. We encouraged local organizations and businesses to make their grounds smoke-free, and we helped them develop smoke-free outdoor policy language and signs. We made flyers, sent mailings, made phone calls, had meetings, expanded our website, and ran ads on MTD buses. We also had a meeting in partnership with the Champaign Center Partnership to reach out to business owners. Our efforts were covered in the media, and we also used social media to get our message out.

The number of organizations with smoke-free grounds grew over the course of the year, and CUPHD created a directory of these organizations. There were 196 organizations in our local smoke-free grounds directory at the end of 2016.

Cont'd

CUPHD conducted park cigarette butt pick-ups with several groups, including JW Eater Middle School students, Girl Scout troops 2207 and 2225, and the Urbana High School Key Club. Containers containing the butts were presented to the Rantoul Park District Board and the Champaign Park District Board to demonstrate the prevalence of tobacco litter. Working with the REALITY teen tobacco prevention project in Rantoul resulted in the designation of smoke-free playgrounds in Rantoul parks. In partnership with the Champaign County Tobacco Prevention Coalition, CUPHD created gold, silver, and bronze smoke-free park designations, and presented these awards to eight smoke-free park and village boards. There was coverage in the news for several of the smoke-free park initiatives.

Teen Pregnancy Prevention Program

One of our objectives in Wellness and Health Promotion is to reduce the incidence of pregnancy, sexually transmitted infections, and HIV in area youth ages 11-18 through a combination of curriculum facilitation, positive youth development, coalition building, and parent involvement activities. In 2016, CUPHD provided comprehensive sexual education programming to a multitude of Champaign and Vermilion County schools via facilitation of three evidence-based curricula: *Making Proud Choices!*, *Be Proud! Be Responsible!*, and *Draw the Line/Respect the Line*. These efforts were made possible by two grants:

The Personal Responsibility Education Program (PREP) is a federal grant

through HHS and IDHS. Receiving *Making Proud Choices!* through PREP were 8th graders at Edison Middle School, Jefferson Middle School and Franklin Middle School, as well as 6th through 8th graders at Thompson Learning Academy and READY School. In addition, students at J.W. Eater Junior High received one of the three curricula dependent upon grade and fiscal year.

The Teen Pregnancy Prevention – Primary program (TPP-P) is a state grant through IDPH. Receiving *Making Proud Choices!* through TPP-P were 7th and 8th graders at Ludlow School, Westville Junior High and Thomasboro School, and 9th graders at University Laboratory High School. Middle school students at Jefferson Middle School and 16-18 year old cadets at Lincoln's Challenge Academy received positive youth development programming based on *Making Proud Choices!* Lessons.

Tobacco Retail Licensing

CUPHD worked to ensure tobacco retailers were licensed in Champaign County this year. Tobacco retail licenses can reduce youth access to tobacco, ensure compliance with tobacco laws, and decrease the negative public health effects of tobacco use.

The State of Illinois passed a law in 2016 requiring vendors to obtain state licenses to sell tobacco products. CUPHD collected information on state and local licensing programs, and worked with the Illinois Liquor Control Commission to compile a list of

Cont'd

vendors in Champaign County that needed to obtain state licenses. CUPHD contacted the local unlicensed tobacco vendors, informed them of the new state law and how to apply for licenses, and tracked the progress. We coordinated our efforts with state and local enforcement agencies.

Urbana School Health Center (USHC)



The Urbana School Health Center (USHC) consists of a seamless partnership of trusted local agencies dedicated to the health and well being of children enrolled in the Urbana School District.

Services are available to ALL students of the Urbana School District during their school day, allowing for consistent and convenient carefree medical and dental services. Services include routine exams and procedures; acute care issues stemming from injuries or chronic disease conditions; and counseling and wellness programs. USHC's community care approach ensures the Urbana School District students the best possible care - away from home.

The Urbana School Dental Clinic sees children enrolled in the Urbana School District. Services include: cleanings, fluoride, x-rays, sealants, restorative care, and extractions.

Additional Activities

Coalition Participation

- Champaign-Urbana Youth Committee
- Champaign County Tobacco Prevention Coalition (Chair)
- Coalition for Comprehensive Sex Education (Chair)



Cont'd

WELLNESS & HEALTH PROMOTION

Totals for 2016

	C-U	County
<u>Personal Responsibility Education Program (PREP)</u>		
<u>Be Proud! Be Responsible!</u>		
Number of Programs	4	2
Number of Participants	94	48
<u>Making Proud Choices!</u>		
Number of Programs	13	8
Number of Participants	319	134
<u>Draw the Line/Respect the Line</u>		
Number of Programs	0	10
Number of Participants	0	225
<u>Teen Pregnancy Prevention Program (TPPP)</u>		
<u>Making Proud Choices!</u>		
Number of Programs	0	7
Number of Participants	0	223
<u>4-H Food Challenge</u>		
Number of Programs	0	4
Number of Participants	0	36
<u>Positive Youth Development (TPP)</u>		
Number of Programs	2	3
Number of Participants	55	84
<u>Not Here</u>		
Number of Attempts	248	48
Number of Sales	21	1
<u>REALITY</u>		
Number of Participants	0	25
Number of Schools	0	1
<u>SFIA Compliance</u>		
Number of Complaints	4	2

Cont'd

Totals for 2016

CUPHD Dental Clinic

New Patients	893
Visits by Patients of Record	7,490
Total Patient Visits	8,345
Total Procedures Performed	37,165
Average Procedures per Patient	4.44
Days Clinic was Open	244.5

Mobile School Sealant Program

Total Children Seen in School Sealant Clinics	1,789
Total Number of Sealants Placed in School	1,266
Cleanings in Sealant Clinic	820
Fluorides in Sealant Clinic	905
Number of Schools Visited	25

Urbana School Health Center Dental Program

New Patients	162
Visits by Patients of Record	1,798
Total Patient Visits	1,906
Total Procedures Performed	7,199
Average Procedures per Patient	4.44
Days Clinic was Open	166.5



Cont'd

WELLNESS & HEALTH PROMOTION

Totals for 2016

IL Breast & Cervical Cancer Program (IBCCP)

Total Average Number of Active Clients per Month		807			
Total Number of Clients Enrolled		132			
Average Number of Active Clients per Month			Number of New Clients		
Champaign-Urbana	166		Champaign-Urbana	57	
Champaign County	81		Champaign County	11	
McLean County	158		McLean County	38	
Vermilion County	51		Vermilion County	12	
Peoria County	351		Peoria County	14	
Marshall County			Marshall County		
Woodford County			Woodford County		
Cancers Diagnosed through IBCCP					
Breast Cancer			Cervical Cancer or Pre-cancerous Condition		
Champaign-Urbana	1		Champaign-Urbana	3	
Champaign County	0		Champaign County	0	
McLean County	0		McLean County	0	
Vermilion County	0		Vermilion County	0	
Peoria County	1		Peoria County	0	
Marshall County	0		Marshall County	0	
Woodford County	0		Woodford County	0	





Quality Improvement

Quality Improvement

CUPHD is committed to creating a culture of quality to ensure the efficiency and effectiveness of departmental activities. The Public Health Accreditation Board requires that each accredited local health jurisdiction have in place a performance management system. CUPHD has formally adopted the Public Health Accreditation Board's standards across the organization as the District actively works through the accreditation process. The performance management model used by Champaign-Urbana Public Health District was

developed by the *Turning Point National Excellence Collaborative on Performance Management*.

It is the goal of the Champaign-Urbana Public Health District to develop and maintain a robust performance management system that involves the ongoing use of performance standards and measures, reporting of progress, and quality improvement principles to ultimately have a positive impact of the public's health in Champaign County.

PUBLIC HEALTH PERFORMANCE MANAGEMENT SYSTEM



Cont'd

In January 2016, as part of the National Quality Improvement Leadership Academy grant, the Champaign-Urbana Public Health District launched six agency-wide Quality Improvement projects with assistance from consultants at Continual Impact. Two of the six projects have been completed and reached their goals. Four projects are still in the implementation phase.

Active QI Projects

Improving Manager's Skills

A group of coordinator-level staff was formed to give supervisors a space to discuss issues and receive training. Coordinators were able to attend multiple NACCHO webinars addressing various Public Health topics including *Financial Management* and *Successful People Management*.

Capitol Assets Assessment

Staff is collecting data on the inventory of this project. They estimate they are about 60 percent completed. Once data collection is done, data will be compiled and staff will decide on next steps.

New Staff Orientation

The Human Resources division updated their portion of information to incoming new hires. In addition, division-level documentation will be added by divisional staff.

WIC Form Compliance

MCH staff has made a change in their form completion. This project will continue to collect data and evaluating after data completion.

Completed QI Projects

Improve Central Supply

This project was completed in 2016. Central Supply was dissolved in May, 2016. Divisional ordering was implemented as a replacement.

Improving New Well Testing – Environmental Health

Environmental Health changed their process to improve water sample collection from clients. After data collection and study, the changed process has improved sample collection.

Cont'd

2016 Performance Measures

Program	Objective	Baseline	Target	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Adult Services	By December 31, 2016, 75% of the clients who receive a prescription for PrEP at CUPHD will complete the required 6 month follow up appointment.	68%	75%	78%	77%	76%	71%
Adult Services	By December 31, 2016, conduct surveillance activities with no fewer than 25 clients each month.	10/M	25/M	31	60	32	63
Communicable Disease	By 12/31/2016, Increase the number of providers using I-NEDSS for reporting of Communicable Disease	0	2	1	0	1	0
Communicable Disease	By 12/31/2016, Increase the number of agencies trained in Principles of Infection Control	0	4	0	0	0	2
Communicable Disease	By 12/31/2016, All I-NEDSS cases for the current year will be completed and submitted to IDPH within 15 days of the case open date	93%	95%	96%	96%	97%	97%
Retail Food Protection	Reduce repeat risk factor and public health intervention violations (RRFIV) in selected Category I food establishments (FEs).	97	48 (Target 50% reduction)	Intervention consultations in progress	<100% of establishments with post intervention 1 st inspection: RRFIV = 8	100% of establishments with post intervention 1 st inspection: RRFIV = 10 (~90% reduction); <100% with post intervention 2 nd inspection: RRFIV = 1	100% of establishments with post intervention 2 nd inspection: RRFIV = 3 (~97% reduction)
Retail Food Protection	Reduce repeat risk factor and public health intervention violations (RRFIV) in Category II food establishments (FEs).	56	28	Intervention consultations in progress	57% of establishments inspected post intervention: RRFIV = 4	61% of establishments inspected post intervention: RRFIV = 4	100% of establishments inspected post intervention: RRFIV = 4 (~93% reduction)
Potable Water Program	Increase the return percentage of water samples from new construction water wells in structures that are occupied.	79%	85%	25%	10%	66.7%	76.9%
Finance	By December 31, 2016 the Medical Billing Specialist will have all payments received for Insight claims entered in Insight for the calendar month by the last day of the month, with the exception of the last two-three days, which may not be possible to complete. These will be promptly entered at the beginning of the following month.	90%	100%	Jan - 88% Feb - 98% Mar - 76%	Apr - 94% May - 80% Jun - 80%	Jul - 97% Aug - 90% Sep - 96%	Oct - 97% Nov - 100% Dec - 75%
Finance	By December 31, 2016 the Dental Billing Specialist will have all payments received for Insight claims entered in Insight for the calendar month by the last day of the month, with the exception of the last two-three days, which may not be possible to complete. These will be promptly entered at the beginning of the following month.	94%	100%	Jan - 85% Feb - 100% Mar - 100%	Apr - 100% May - 100% Jun - 100%	Jul - 94% Aug - 90% Sep - 100%	Oct - 96% Nov - 95% Dec - 100%
Finance	By December 31, 2016 medical billing will be billed to the appropriate payor within an average of 30 days of entry date into Insight.	29	30	Jan - 46 Feb - 28 Mar - 40	Apr - 55 May - 34 Jun - 20	Jul - 17 Aug - 25 Sep - 15	Oct - 30 Nov - 39 Dec - 41
Finance	By December 31, 2016 the Account Clerk and Accountant II will have completed procedures to resolve outstanding accounts payable checks for checks outstanding more than 90 days, and issuing final letters per the Unclaimed Property Tax Act prior to the annual filing report due November 1st.	61%	100%	Jan - 72% Feb - 75% Mar - 77%	Apr - 79% May - 79% Jun - 79%	Jul - 81% Aug - 81% Sep - 81%	Oct - 99% Nov - 99% Dec - 99%

Finance	By December 31, 2016 the Accountant II will have completed the monthly allocation process for the financials presented at the Board of Health Meeting within 2 weeks following said meeting.	0%	100%	Jan - 0% Feb - 0% Mar - 0%	Apr - 0% May - 0% Jun - 0%	Jul - 0% Aug - 17% Sep - 42%	Oct - 50% Nov - 50% Dec - 50%
Finance	By December 1, 2016 the General Billing Specialist will have completed procedures to resolve Insight Self-Pay credit balances for balances outstanding more than 60 days, and issuing final letters per the Unclaimed Property Tax Act prior to the annual filing report due November 1st.	52%	100%	-	-	-	999 (83%) of the credit balances have been resolved or in process.
Wellness and Health Promotion	By 12/31/2016, 300 students will have completed Teen Pregnancy Prevention lessons.	0	300	16	280	304	421
Wellness and Health Promotion	By 12/31/2016, Dental No Show rates will be reduced to 18% in both the Champaign & Urbana clinics.	20%	18%	20%	19%	U-19% C-18%	U-19% C-17%

Cont'd



Champaign-Urbana Public Health District

201 W. Kenyon Road
Champaign, Illinois 61820

217.352.7961

Environmental Health

217.373.7900

- Closed Loop (Geothermal) Well Permits & Inspections
- Emergency Preparedness Planning
- Food Safety Information
- Inspection of Food & Drink Establishments
- Inspection of Tanning Establishments
- Private Sewage System Permits & Inspections
- Private Water Well Permits & Inspections
- Radon Awareness
- West Nile Virus Surveillance

Infectious Disease

217.531.5365

- Communicable Disease Surveillance & Investigation
- Family Planning Services
- Hepatitis Testing & Vaccinations
- HIV Case Management
- HIV Counseling & Testing
- Mobile Outreach Project
- STD Testing
- TB Prevention & Management

Birth & Death Certificates

217.352.7961

Finance

217.531.4263

Human Resources

217.531.4265

Information Technology

217.531.4274

Public Relations

217.531.4264

Maternal & Child Health

217.531.4300

- All Kids Applications
- Blood Lead Screenings
- Breastfeeding Support
- Car Seat Program
- Childhood Immunizations
- Developmental & Postpartum Depression Screenings
- Family Case Management / Health Works
- Vision & Hearing Screenings
- Women, Infants & Children (WIC)

Wellness & Health Promotion

217.373.7901

- Child Dental Health
- Child Dental Sealant/Restoration Mobile Program
- Illinois Breast & Cervical Cancer Program (IBCCP)
- Illinois Tobacco Free Communities
- Personal Responsibility Education Program (PREP)
- Smoking Cessation
- Teen Pregnancy Prevention (TPP)
- Urbana School Health Center



Public Health

Prevent. Promote. Protect.

Champaign-Urbana Public Health District

 CUPHD

 Champaign County Prepares

 CU_PublicHealth

www.c-uphd.org



Public Health
Prevent. Promote. Protect.

Champaign-Urbana Public Health District

www.c-uphd.org