



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice**
**Analysis of Maternal Morbidity Involving
Substance Use in Allegheny County**



Preceptor Name	Alyssa Monaghan	Phone	412-578-8090
Bureau	Assessment, Statistics, and Epidemiology	Department	Chronic Disease Epidemiology
Practicum Location	Downtown, 542 Fourth Avenue		
Project Summary			
<p>The purpose of this work is to describe maternal morbidity in Allegheny County among reproductive-age women with a focus on mothers involved in substance use and opioids. Hospitalization data from the Pennsylvania Health Care Cost Containment Council (PHC4) will be used to examine maternal hospital stays where substance use (such as opioids and alcohol) was present and any co-occurring conditions among this population. The analysis will also describe both demographics and spatial location (zip code) of hospitalized mothers. Maternal stays involve deliveries and other pregnancy-related stays. At the completion of the internship, this person will (1) understand local maternal morbidity trends related to substance use, (2) use statistical software to develop descriptive statistics in a public health practice setting, and (3) disseminate key findings to health department staff.</p>			
Primary Activities and Deliverables			
<p>Project duties include:</p> <ul style="list-style-type: none">- Become familiar with maternal morbidity and maternal health- Apply and develop code using statistical software to produce relevant counts and rates of maternal morbidity by demographic characteristics- Create written data brief describing findings from analysis, including any relevant tables, figures, and maps- Present findings of report to department- Attend relevant meetings on maternal health			
Specific Qualifications			
<ul style="list-style-type: none">- Experience with SAS and/or SQL- Any experience with ArcGIS Pro or other Esri mapping software- Comfortable with Microsoft Excel and Word- Basic knowledge of epidemiological principles and statistics			



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice (PSI)
Animal Bite Report**



Preceptor Name	Kristen Mertz and L. Renee Miller	Phone	412-578-8323
Bureau	Assessment, Statistics, and Epidemiology	Department	Infectious Disease Epi
Practicum Location: Downtown, 542 Fourth Avenue or 425 First Avenue			
Project Description			
<p>This project has 2 main components:</p> <ol style="list-style-type: none"> 1) Investigation of animal bites reported to ACHD to ensure proper follow up and care 2) Cleaning and analysis of 2019 animal bite data <p>The work will involve following the protocol for animal bite follow-up, making telephone calls, cleaning and analyzing data, and preparing tables and graphs. The intern will be stationed part time with the Immunization Program and part time with the Epidemiology group.</p>			
Primary Activities and Deliverables			
<ol style="list-style-type: none"> 1. Investigate animal bites reported to ACHD. Information is gathered primarily via telephone calls with bite victims, pet owners, and health care providers 2. Ensure that adequate care and prophylaxis are provided, if indicated 3. Clean the animal bite database (remove duplicates, look for irregularities) 4. Analyze data 5. Prepare tables and graphs for main variables of interest 6. Prepare a short summary of animal bites in Allegheny County in 2019 			
Specific Qualifications			
<ol style="list-style-type: none"> 1. An interest in learning about rabies and its impact on public health. 2. Good oral communication skills and comfort talking to the public via telephone. 3. Good data management and analytic skills. Experience using SAS. 			



2020 Pittsburgh Summer Institute in Applied
Public Health Practice
Animal Bite Surveillance



Preceptor Name	L. Renee Miller	Phone	412-578-8310
Bureau	Community Health Promotion and Disease Prevention	Department	Immunization
Practicum Location	Downtown, 425 First Avenue		
Project Summary			
<p>This is a surveillance project within the Immunization Program focused on surveillance and follow-up of reported animal bites in Allegheny County. All animal bites are exposures and investigated and recommendations are made for follow-up care and/or prophylaxis for rabies if needed. ACHD also provides testing for animals involved in human exposures to determine whether prophylaxis is needed. The student will have the opportunity to develop important communication and data management skills, as well as interact with a variety of community partners and other governmental agencies, such as ACHD's laboratory, hospitals, health care providers, and animal control. Rabies is almost always fatal – you will play a very important role in prevention!</p>			
Primary Activities and Deliverables			
<ul style="list-style-type: none">• Follow up on reported animal bites (primarily conducted via telephone with clients)• Help oversee follow-up care and prophylaxis, if needed• Work with Animal Control and other community partners to ensure that testing is done in a timely and efficient manner• Help with any community outreach related to rabies prevention• Other duties, as necessary <p>The student will be expected to conduct timely follow-up calls for reported animal bites and oversee any follow-up treatment that may be necessary based on the information obtained from the report and interview with the client. This will be documented and added into a database, which the student can assist in the analysis. The student can also get involved in activities in the immunization clinic, if desired.</p>			
Specific Qualifications			
<ul style="list-style-type: none">• An interest in learning about rabies and its impact on public health• Good oral communication skills and comfort talking to the public via telephone			



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice**



**Development of Legislative District Health
Profiles to Help Inform Decisionmakers
Around Public Health Priorities**

Preceptor Name	Otis Pitts	Phone	412-578-2301
Bureau	Public Policy and Community Relations	Department	Public Policy
Practicum Location	Downtown, 542 Fourth Avenue		
Project Summary			
<p>ACHD is committed to the promotion and enactment of policy that gives every resident of Allegheny County, particularly those most vulnerable, access to healthy choices and healthy communities. ACHD’s commitment to this approach has been a cornerstone of ACHD’s Plan for a Healthier Allegheny (PHA) as well as the Department’s 2019 Strategic Plan. To conduct this work, ACHD must collaborate with both traditional public health partners as well as non-traditional partners (i. e., School districts, Law Enforcement, and Zoning and Planning bodies) to enact healthy policy at the local level. Working in close proximity to various levels of policy and decision-making presents the Health Department with many opportunities to ensure public health has as seat at the table.</p> <p>The goal of this project is to enhance the work of the public policy program by creating effective health communication tools that demonstrate the intersection of policy and health to elected officials, community leaders, and the general public. Topic areas will include PHA priority areas, such as health access, reducing health disparities, and the social determinants of health, including food access and housing.</p>			
Primary Activities and Deliverables			
<ol style="list-style-type: none"> 1. Collaborate with the Health in All Policies Fellow to create health communication tools for area policymakers. Projects will include health profiles tailored to individual state legislative districts and policy briefs outlining current, evidence-based policy solutions that address public health priorities. 2. Assist in adapting existing health and policy materials to better address local communities and respond to emerging public health issues. 3. Generate training materials on how to incorporate health considerations into policymaking. 4. Strategize with the Public Policy team on methods to bring the work of the ACHD and public health generally to the attention of decision-makers and the public. 5. Collaborate with the Public Information Officer to present health communication materials to the public. <p>Deliverables include reports, policy briefs, infographics and health literacy tools.</p>			
Specific Qualifications			
<p>The student should possess:</p> <ul style="list-style-type: none"> • Strong research and writing skills • A basic knowledge of government and policy development • An interest in health communications and in local and national politics • A passion for promoting health equity 			



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice
Development of Standard Operating
Procedures for Air Quality Monitoring in
Allegheny County**



Preceptor Name	Dan Nadzam	Phone	412-578-7965
Bureau	Environmental Health	Department	Air Quality
Practicum Location	Lawrenceville, 301 39 th Street		
Project Summary			
<p>The Air Quality Program operates an extensive network of air monitoring equipment throughout the county. This network collects information on a variety of pollutants, including criteria pollutants and hazardous air pollutants (HAPs). We apply strict quality assurance, quality control, verification and validation techniques to all monitoring equipment and the generated data. The Environmental Protection Agency (EPA) promulgates Quality System Requirements in 40CFR58, Appendix A. A quality system is the means by which an organization manages the quality of the monitoring information it produces in a systematic, organized manner. ACHD's quality system is described in quality management plans (QMP) and Quality Assurance Project Plans (QAPPs). QAPPs must be suitably documented in accordance with EPA requirements and include standard operating procedures (SOPs).</p> <p>This project will provide assistance in the preparation of our air monitoring SOPs.</p>			
Primary Activities and Deliverables			
<p>A standard operating procedure (SOP) is a set of step-by-step instructions to help workers carry out complex routine operations. SOPs aim to achieve efficiency, quality output and uniformity of performance, while reducing miscommunication and failure to comply with regulations. SOPs in the monitoring section of the Air Quality Program document how the data is collected and what procedures were/are in place at that point in time. In addition, they provide guidance for other staff to learn how to collect the data and/or duplicate the results.</p> <p>The chosen candidate will complete as many procedures as practicable in the allotted time frame. The SOPs will be compiled after observing how the monitoring data is collected in the field. The deliverable format would be up to the candidate. Formats could be documents or possibly in video format. Consideration would be given to the candidate creating a social media blog, web page, channel, etc.</p>			
Specific Qualifications			
<p>In order to witness the tasks performed by Air Monitoring personnel, you must be able to climb ladders, access school buildings or public municipal buildings and be available for a full day of work during business hours when this occurs. Candidates would typically perform these observations during the hours from 8 am until 4 pm. Preparing the SOPs have more flexibility in the schedule of your time.</p>			



**2020 Pittsburgh Summer Institute in Applied
 Public Health Practice
 Establishing Climate Conditions for Surface
 Temperature Inversions**



Preceptor Name	Anthony J. Sadar	Phone	412-578-8125
Bureau	Environmental Health	Department	Air Quality
Practicum Location	Lawrenceville, 301 39 th Street		
Project Summary			
<p>In late December 2019, Allegheny County experienced a protracted period of stagnant atmospheric conditions that contributed to seriously elevated levels of air pollution. Such periods happen infrequently throughout the year, but during enough times to be a substantial public health concern.</p> <p>Prolonged stagnant air is related to the frequency and strength of atmospheric temperature inversions, especially those that begin at ground-level. Data for the past 12 years has been tabulated regarding such inversions that occur overnight. Assessment and tabulation of morning and evening inversions beginning with 1990 Pittsburgh National Weather Service data would improve the Health Department's understanding of temperature inversion trends over the most recent decades.</p> <p>Assistance is also required to compile and evaluated air quality and meteorological data sets from sensors operating throughout the county.</p> <p>The goal of this project is to assist Air Quality Program staff with data collection and evaluation as described above.</p>			
Primary Activities and Deliverables			
<p>The intern will assist with the examination of air quality and meteorological such as evaluation and tabulation of morning and evening inversions beginning with 1990 data.</p> <p>Deliverables will include an analysis report with, as appropriate, detailed tables, graphs, figures, and textual description of specific air quality and atmospheric conditions in Allegheny County and other pertinent research products.</p>			
Specific Qualifications			
<p>Basic understanding of atmospheric dynamics and air quality issues and previous work with large data sets and statistical analysis skills would be helpful.</p>			



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice
Geographical Analysis of Cancer in Allegheny
County**



Preceptor Name	Kristin Selker	Phone	412-578-2313
Bureau	Bureau of Assessment, Statistics, and Epidemiology	Department	Chronic Disease Epi
Practicum Location	Downtown, 542 Fourth Avenue		
Project Summary			
<p>The selected intern will work with a chronic disease epidemiologist to produce geographical analyses of cancer in Allegheny County. The analysis, at minimum, will include a Standardized Incidence Ratio (SIR) map of select cancers and Allegheny County geographies. The SIR uses the indirect method of standardization to determine if the number of cases observed in a region is significantly different from the number expected. This measure is recommended by the CDC for investigating cancer clusters. There are alternative methods for geographical analysis and identifying cancer clusters using GIS software (ArcGIS, SaTScan). As time allows, the intern will complete an exploratory geographical analysis using an alternative method and update cancer incidence rates for the county.</p> <p>The goals of the practicum are to:</p> <ol style="list-style-type: none"> 1) Understand the importance, process, and limitations of geographical cancer analysis 2) Use statistical and GIS software to analyze data in an applied public health setting 3) Develop a data brief with relevant maps, key findings, and future directions of geographical cancer analysis 			
Primary Activities and Deliverables			
<ol style="list-style-type: none"> 1. Conduct review of geographical cancer analysis methods and software 2. Use SAS to develop code and calculate SIR for county geographies 3. Deliverables include a presentation on GIS software and a brief with relevant maps and key findings 			
Specific Qualifications			
<ol style="list-style-type: none"> 1. Must have completed introductory level SAS course, have experience coding in SAS environment, or using SQL 2. Basic knowledge of epidemiological principles 3. Willingness to learn GIS software, previous experience not required 			



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice
Mon Valley Focus: Coordination of Services
and Data**



Preceptor Name	Hannah E. Hardy	Phone	412-247-7946
Bureau	Bureau of Community Health Promotion & Disease Prevention	Department	Chronic Disease Prevention
Practicum Location	Wilksburg, 807 Wallace Avenue		

Project Summary

The residents of the eastern part of Allegheny County bear a disproportionate burden of poor health outcomes. These range from higher rates of diabetes and hypertension to higher rates of obesity and smoking. In addition, the Mon Valley is plagued by blight, environmental issues, and poverty. Years of disinvestment in the area have contributed to the current issues facing the communities. Several Allegheny County Health Department (ACHD) programs are actively working in the Mon Valley. We are in the process of developing a more coordinated effort to meet the needs of Mon Valley residents. To date this effort includes:

- The start of a process to re-establish an office in the Mon Valley involving multiple ACHD programs.
- Two new staff positions in the Chronic Disease and Injury Prevention Program who will be working specifically in the Mon Valley.
- A project in partnership with the Steel Rivers Council of Governments about access to healthcare that is currently available via an ArcGIS Story Map.
- Implementation of the CDC Racial and Ethnic Approaches to Community Health project that includes Mon Valley communities as priority areas.
- Implementation of the Community Health Needs Assessment. The survey asks for g zip code information, which will be analyzed for the Mon Valley.
- Joint planning with other partners including the PA Department of Human Services and the Allegheny Intermediate Unit on coordination of services for families and children in the Mon Valley.

The Department is seeking a student who can assist in data collection, analysis and visualization to gain a better understanding of the need in the Mon Valley and assist identifying gaps in service and in matching the need to providing services. Several of the ACHD programs have expressed an interest in pulling together data from their programs that both communicates about the need and matches it with services provided. Following are a couple of examples:

- The STD/HIV Program has access to the STD Morbidity Map of Allegheny County and locations of testing sites. They would like to be able to analyze this data so that they can make decisions about current gaps in testing sites. Relevant to this is access to public transportation and how people can get to the testing sites.
- The Housing Program is involved in lead remediation with the Safe and Healthy Homes Program. They would like to be able to analyze where they are currently working on the Safe and Healthy Homes Program.
- The Chronic and Injury Prevention Program has pulled together qualitative and quantitative data about access to healthcare combined with other social determinants of health data and health outcomes. They would like to better use this information to guide the work of employees and to connect to the work of other ACHD programs and external partners.

All ACHD programs have expressed an interest in together to visualize and communicate this information publicly and to other stakeholders so that we can be a bridge between our work and the work of other stakeholders in the community. This project will start with collecting existing data including the results of the Community Health Assessment Survey and working with ACHD programs to identify other sources of data. Key questions to be answered include: What is currently being done to meet community need? What are the services being provided? What are the gaps in service in order to move the needle on health outcomes in the Mon Valley?



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice
Mon Valley Focus: Coordination of Services
and Data**



This position is unique in that it will work across the department to help to break down barriers between our programs in how we are publicly communicating about our work and also in how we are presenting data to the community.

Primary Activities and Deliverables

Mon Valley District Office

Goal: To improve coordination of ACHD programs in the Mon Valley and increase the number of residents receiving services from ACHD

Objective: (1) assess and combine available population, health, and programmatic data; (2) develop strategies to improve ACHD program coordination

Activities/Deliverables:

1. Determine number of programs working in Mon Valley and # of residents currently served by each program
2. Determine characteristics of populations served by each program (e.g. age, gender, insurance, housing) and relevant health outcomes related to programs working in Mon Valley
3. Assess current relationships/activities by ACHD programs (qualitative?)
4. Meet with ACHD Programs to understand the opportunities for combining specific data that is relevant to the Mon Valley and the goals for sharing information.
5. Conduct more in-depth interviews with community members about their needs.
6. Use GIS (maybe logic model also?) to visualize activities above (deliverable)
7. Present assessment to ACHD programs, highlighting communities/activities with strong overlap among #1-3 above (deliverable)
8. Work with ACHD staff to identify resources and develop process for coordination.

Specific Qualifications

Data visualization coursework or experience.

Experience with software including but not limited to: SAS, SPSS, R, ArcGIS is preferred but not required.

Proficiency in Microsoft Office Suite



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice
Mosquito-borne Disease Surveillance**



Preceptor Name	Leah Lamonte	Phone	412-350-3651
Bureau	Housing & Community Environment	Department	Vector Control
Practicum Location	Strip District (3190 Sassafras Way)		
Project Summary			
<p>This practicum opportunity is with ACHD’s Mosquito-borne Disease Control Program. The majority of the experience will be spent in the field trapping adult mosquitoes in Allegheny County to be tested for arboviruses such as West Nile virus. For more information about mosquito surveillance in Allegheny County and Pennsylvania, visit www.depgis.state.pa.us/WNV/index.html.</p> <p>The intern must be available to work from May 4 – October 2, 2020 on Monday through Thursday for approximately 20-25 hours per week. There is a requirement for the intern to work until October 2nd therefore flexibility will be given around class schedule once the Fall Semester begins. A personal vehicle for field work and a valid driver’s license are a requirement (no exceptions). The Pittsburgh Summer Institute is sponsoring 300 hours for this practicum, for a total stipend of \$2,250. After the initial 300 hours worked, the intern will be paid \$9.50/hour up to an additional 270 hours through ACHD.</p>			
Primary Activities and Deliverables			
<p>PRIMARY ACTIVITIES:</p> <ul style="list-style-type: none"> • Mosquito surveillance (using gravid & BG Sentinel traps to collect adult mosquitoes) • Sorting and preparing mosquitoes to be shipped for laboratory testing • Database entry of surveillance results • Maintaining the equipment used for surveillance <p>POTENTIAL SECONDARY ACTIVITIES:</p> <ul style="list-style-type: none"> • Public interaction & education (e.g. door-to-door neighborhood outreach, responding to mosquito complaint calls, identifying mosquito breeding habitat, neighborhood clean-up activities, etc.) • Revising/creating vector control pamphlets & educational material • Any other mosquito study that the intern would like to use for graduate thesis/essay material <p>The intern will learn trapping locations from the preceptor for the first few weeks, and then trap on their own for the remainder of the summer. The intern will assist the preceptor in meeting a weekly trap minimum as set in the 2020 Mosquito-borne Disease Control Grant provided by the PA Department of Environmental Protection to ACHD.</p>			
Specific Qualifications			
<p>A valid driver’s license and personal vehicle are mandatory to transport mosquito traps to and from the field. Mileage will be reimbursed at the Pennsylvania Mileage Reimbursement Rate (currently \$0.575/mile) for the entirety of the internship. The intern must be able to lift 50 pounds and be willing to haul traps in their personal vehicle that may get dirty and have an odor from the bait used to lure mosquitoes. The majority of time will be spent in the field therefore the intern must be physically able to conduct such work for the duration of the summer. A personal GPS device would be helpful when driving around to locate trap sites. When interacting with the public, the intern must be able to represent the Vector Control Program with professionalism and provide information about the roles and responsibilities of the program.</p>			



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice
Performance Management Data Analysis**



Preceptor Name	Jamie Sokol	Phone	412-578-8018
Bureau	Administration	Department	Human Resources
Practicum Location	Downtown, 542 Fourth Avenue		
Project Summary			
<p>Performance Management is a systematic process that helps an organization plan and achieve its goals, objectives, and activities. In public health practice, performance management helps local public health agencies plan, implement, and evaluate programmatic activities to better deliver the ten essential services of public health. In 2015, ACHD implemented a formal performance management system across all bureaus and programs. The data collected through the performance management system is used in three distinct ways: developing the annual program plan; monitoring progress on public health activities; and making evidence-based decisions about future program planning.</p> <p>The goal of this project is to create several program-specific data briefs using the data collected through performance monitoring in 2019. Specifically, the student will work to create data briefs for programs within the same bureau, so that data is relevant across program areas. The student will be expected to consider the data in terms of programmatic requirements, as well as in the context of ACHD’s strategic plan, community health improvement plan (Plan for a Healthier Allegheny) and the ten essential services of public health. Historical data from 2015-2018 can also be used to inform analysis. This information will be shared with the program managers to help set new goals and objectives for their programs.</p> <p>The student will also be responsible for conducting a review of best practices in performance management for local health departments to provide key recommendations for improving ACHD’s system. This will involve both a literature review and utilizing existing resources, such as the National Association of City and County Health Departments (NACCHO), the Public Health Accreditation Board (PHAB) and the Public Health Foundation (PHF).</p>			
Primary Activities and Deliverables			
<ul style="list-style-type: none"> • Review performance management data from 2019 for the programs for which briefs will be written • Identify links between other agency plans, including the strategic plan and the Plan for a Healthier Allegheny. • Utilize performance management data to produce data briefs for selected programs. • Identify best practices and make key recommendations for next steps for ACHD around performance management. • Participate in additional performance management activities, as needed. 			
Specific Qualifications			
<ul style="list-style-type: none"> • An interest in the administrative side of local public health practice • Excellent writing skills • An understanding of the ten essential services of public health 			



**Pittsburgh Summer Institute in Applied Public
Health Practice (PSI)
Traffic Safety and Older Adults**



Preceptor Name	Nicole Barnett	Phone	412-247-7962
Bureau	Community Health Promotion and Disease Prevention	Department	Injury Prevention – Traffic Safety
Practicum Location	Wilkinsburg, 807 Wallace Ave		
Project Description			
<p>Injuries affect every single person, regardless of socioeconomic status. In the first half of life, more Americans die from violence and injuries than from any other cause, including cancer and HIV. The purpose of this project is to enhance ACHD’s ability to meet the needs of older adults to reduce injury as a result of traffic crashes and falls. The information and data from the project will be used and collected by two specific ACHD programs, Traffic Safety and Chronic Disease Prevention.</p> <p>The Traffic Safety Education Project is a program housed at the Allegheny County Health Department that focuses on reducing the number of local injuries and deaths due to vehicle crashes. Funded through the Pennsylvania Department of Transportation, the program is required to provide education to those inhabiting Allegheny and Lawrence Counties. The Traffic Safety Education Project has many different safety focus areas including aggressive driving & speeding, bicycle safety, child passenger safety, distracted driving, impaired driving, enforcement & judicial outreach, mature driver’s safety, motorcycle safety, pedestrian safety, and teen driver safety.</p> <p>Adults over the age of 55 are one of the fastest growing age groups in the United States, meaning that it is important to plan for older adult education and safety programs. This project would be a comprehensive review of older adult programs, services, and their locations. Additionally, fall death rates have increased over the last decade. To reduce fear of falling in older adults, ACHD’s Chronic Disease staff facilitates the Matter of Balance program. The goals of this project are to develop an extensive list of assets, geographical analysis of resources for older adults, and spatial analysis of crash data that health educators and program administrators can use to provide public health programs directly to older adults in the locations where they currently live and interact.</p>			
Primary Activities and Deliverables			
<p>The deliverables for this project include but are not limited to:</p> <ul style="list-style-type: none"> - Comprehensive list of older adult serving facilities. This can and should include housing areas, senior centers, meeting places, etc. - Traffic data analysis of both historical data and newer data - Identify data trends for traffic safety and falls prevention - Plot current ACHD program geographical reach 			
Specific Qualifications			
<ul style="list-style-type: none"> - Quantitative and Qualitative evaluation skills - Use of Microsoft Office (Excel, Word, PowerPoint, and Outlook) - Effective time management skills - Suggested Coursework: Health Program Evaluation and/or Program Planning, Applied Research Methods 			



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice
Transportation and Access to Care**



Preceptor Name	Alaina Conner	Phone	412-578-8364
Bureau	Administration	Department	Director's Office
Practicum Location	Downtown, 542 Fourth Avenue		

Project Summary

Transportation is frequently reported as a barrier to healthcare. In the 2014-2015 Allegheny County Health Department Community Health Assessment and subsequent Community Health Improvement Plan, the Plan for a Healthier Allegheny, transportation was identified as one of 20 key public health issues. The results of a 2016-2017 ACHD transportation pilot program suggested that transportation remains a barrier to individuals for medical appointments. Numerous services exist in Allegheny County, but it can be difficult for an individual to know what they are eligible for, what the service can provide, and how to ultimately utilize the service.

In 2018, ACHD received funding to create an “asset map” of existing services for providers, advocates, and public health officials to better understand existing services and possible untapped connections or gaps in service. This asset map was developed and a partnership with UnitedWay’s 211 system established. The 211 system is an existing program which provides personalized services to Allegheny County residents in need of a variety of social services. The transportation asset map has been shared with 211 and an agreement established to promote the 211 call number as a one-stop shop for residents who do not have reliable transportation to medical appointments.

The final piece of this project is to develop an educational/training campaign comprised of easy-to-understand documents based on the aforementioned asset map and 211 call center, and to conduct targeted outreach to Allegheny County Federally Qualified Health Centers (FQHCs,) clinics, hospitals, and other sites (senior care centers, libraries, etc.,) that would benefit from learning about transportation as a barrier to health care, and could serve as a host for materials developed on transportation.

This project would entail finalizing outreach materials, developing an outreach plan and timeline for a variety of stakeholders, creating training presentations, and conducting the education/training.

The intern must be available to work from **May 4th through October 30th, 2019** for approximately 15 hours per week, Monday – Friday. Because there is a requirement for the intern to work until the end of October, flexibility will be given around class schedules. **After the PSI program is completed, the intern will be paid \$12/hour.**

A personal vehicle, a valid driver’s license, and the willingness to drive across Allegheny County are a requirement.

Primary Activities and Deliverables

- Assist in the development of final outreach materials on utilizing the 211 call center to identify transportation options for medical appointments
- Develop contact list for FQHCs, hospitals, clinics, and other settings to receive education/training
- Create customized educational presentation for various sites
- Create overall educational outreach plan – Sites to be visited, timelines, etc.
- Conduct direct outreach to sites to schedule educational sessions
- Deliver outreach materials, hold educational sessions with site staff, and collect feedback
- Develop final report summarizing locations served, feedback received, recommended next steps



**2020 Pittsburgh Summer Institute in Applied
Public Health Practice
Transportation and Access to Care**



Specific Qualifications

- Extremely high written and verbal communication skills. Please submit writing sample.
- Comfortable interacting with a variety of individuals – from community residents to hospital CEOs and in between.
- Comfortable and willing to give presentations to wide variety of individuals – small groups to large.
- Comfortable and willing to cold-call sites
- Access to a personal vehicle and ability/willingness to drive to destinations throughout Allegheny County. A valid driver's license and personal vehicle are mandatory. Mileage will be reimbursed at the Pennsylvania Mileage Reimbursement Rate (currently \$0.57/mile) for the entirety of the internship.
- Proficient in Microsoft Office Suite.



2020 Pittsburgh Summer Institute in Applied
Public Health Practice
Tuberculosis Control and Outreach



Preceptor Name	Lauren Brungo	Phone	412-578-7901
Bureau	Community Health Promotion and Disease Prevention	Department	Tuberculosis
Practicum Location	425 First Avenue, Downtown		
Project Summary			
<p>The Allegheny County Health Department's Tuberculosis Clinic provides screening, evaluation, and treatment for tuberculosis patients. Through the Pennsylvania National Electronic Disease Surveillance System (PA NEDSS), the TB Clinic receives lab reports from physicians across Allegheny County with results of screening tests for latent TB (LTBI) infections. Latent tuberculosis infection is a state of persistent immune response to stimulation by Mycobacterium tuberculosis antigens without evidence of clinically manifested active TB. Treatment for latent infections is recommended and a best practice in preventing the development of active TB. ACHD has to follow up on these referrals to determine where the patient will be receiving treatment. The primary focus of this practicum will be to utilize the data in PA NEDSS to work with physicians in planning follow up treatment for these individuals.</p>			
Primary Activities and Deliverables			
<ul style="list-style-type: none">• Follow up on all cases of positive LTBI to determine a) whether additional testing is needed to confirm LTBI infection; b) where the patient will be receiving follow-up testing; and c) assisting with scheduling follow-up at the TB clinic.• Interact with health care providers throughout the county as needed.• Track progress of the follow-ups in PA NEDSS and internal tracking systems that will develop.• Help build relationships with local colleges and universities in order to help student health centers treat students with latent TB infections.• Assist with other TB outreach projects, as needed.			
Specific Qualifications			
<ul style="list-style-type: none">• An interest in learning about why tuberculosis is still a very serious threat to public health• Experience using spreadsheets to track data• Excellent organizational skills and the ability to work independently• Comfortable speaking on the phone with health care providers			