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<td>Kristen Mertz/Renee Miller</td>
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<td>Kell Wilkinson</td>
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<td>Maura Jacob</td>
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2022 Pittsburgh Summer Institute in Applied Public Health Practice

Project Proposal

Preceptor Name: Leah Lamonte
Phone: 412-350-3651

Bureau: Housing & Community Environment
Department: Vector Control

Practicum Location: Housing & Community Environment Office (3190 Sassafras Way, Strip District, 15201)

Do you have an available workspace? **YES**
Do you have an available computer? **YES**

Project Summary

*THE VECTOR CONTROL PROGRAM WILL TAKE TWO STUDENTS FOR THIS PROJECT.*

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](http://www.depgis.state.pa.us/WNV/index.html).

The interns must be available to work from May 9 – Sept. 30, 2022 on Monday through Thursday for approximately 25-30 hours per week. There is a requirement for the interns to work until Sept. 30th 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. After the initial 300 hours worked, the interns will be paid $10/hour up to an additional 300 hours.

Primary Activities and Deliverables

**PRIMARY ACTIVITIES:**
- Mosquito surveillance (using gravid & BG Sentinel traps to collect adults; larval dipping)
- Sorting and preparing mosquitoes to be shipped for laboratory testing
- Database entry of surveillance results
- Maintaining the equipment used for surveillance

**POTENTIAL SECONDARY ACTIVITIES:**
- Tick dragging to survey for tick-borne diseases such as Lyme disease
- Public interaction & education (e.g. door-to-door neighborhood outreach, responding to mosquito complaint calls, treating mosquito breeding habitat, neighborhood clean-up activities, etc.)
- Revising/creating vector control pamphlets & educational material
- Any other mosquito study that the interns would like to use for graduate thesis/essay material

The interns will learn trapping locations from the preceptor for the first couple weeks, and then trap on their own for the remainder of the summer. The interns will assist the preceptor in meeting a weekly trap minimum as set in the 2022 Mosquito-borne Disease Control Grant provided by the PA Department of Environmental Protection to ACHD.

Specific Qualifications

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 $0.56/mile) for the entirety of the internship. The interns must be able to lift 50 pounds and be willing to haul traps in their personal vehicles 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 interns 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 interns must be able to represent the Vector Control Program with professionalism and provide information about the roles and responsibilities of the program.
Project Title: Rural Health Improvement Project

Targeted population: Rural Communities in Allegheny County

The purpose of the Pittsburgh Summer Institute Proposed Project in the Chronic Disease and Injury Prevention’s Program is to identify and integrate a Rural Health Improvement Project Framework that is focused on the improvement of social determinants of health, health access and health equity in these communities. The intern will have opportunities to visit, learn more about, and use their critical thinking skills to create improved pathways in these focus areas. This dynamic will offer the intern an opportunity to look through a different lens in how health-based delivery models and health in all policies are different in rural communities than in other socio-economic environments. The information and research that the intern collects and disseminates will assist ACHD staff in identifying areas of investment that can then be further investigated and potentially integrated into existing programming. Our goal is to encourage participating rural communities to improve health outcomes and integration of health in all policies procedures in rural communities of Allegheny County. We would also like to use the information from this project to raise awareness about the health needs of Allegheny County residents who live in rural areas.

"While some of the issues are larger than others, all are significant. All impact the health and well-being of rural [Allegheny County populations] as well as the future of vulnerable local economies," (Pennsylvania Rural Health Association, 2016).

The intern selected will work independently and with the Public Health Administrator 1, and community stakeholders, including rural Allegheny County municipalities, community providers, and schools, where they will have opportunities to attend regional meetings where they will be able to actively participate in the dialogue conducted in these communities. The final project of the internship will include putting together a report and presentation adopting a health in all policies perspective using the research and data that is collected. The deliverable will offer ACHD staff a broader perspective in their decision-making process around implementing initiatives to improve health outcomes in rural areas.

Rural Communities as defined by the USDA: North Fayette Township – areas within, Elizabeth Township- areas within, Forward Township, Bell Acres, Duff City, Edgeworth, Marshall Township, Sewickley, Sewickley Hills, Leetsdale, Leet Township, West Deer Township, Harmar Heights, Pine Township, Rural Ridge

Work Environment:
Intern will work in the Chronic Disease & Injury Prevention Program at the Hosanna House location, 807 Wallace Avenue, Suite 204 Pittsburgh, PA 15221. This is a hybrid position where work will be in the field and some can be completed from home. In addition, this position will require travel to each community to complete a windshield
strength and risk assessment. Interns will be trained by the Public Health Administrator 1 who will aid in transportation to these locations, if necessary.

### Primary Activities and Deliverables

[List the primary duties necessary to complete the project and any expected deliverables, such as a database, analysis report, presentation, educational materials, etc.]

1. This project will be based off the Commonwealth of PA’s Rural Health Model archetype
2. Develop and implement a data analysis tool that can be used in the assessment process. This tool will include a windshield strength and risk assessment. PHA1 will train intern in how to complete.
3. Identify social determinants of health, health access and health equity barriers in Allegheny County’s rural communities, as defined by the USDA
4. Build a framework for implementing health improvements in the criteria listed above.
5. Work with the Public Health Administrator 1 to define best practices in applying said frameworks and best practices.
6. Develop a final written report and create a presentation to present to ACHD leadership.

### Specific Qualifications

[List any specific skills or resources needed to complete the project, such as access to a vehicle or ability to use specific software. You may also list specific coursework that you’d like for the student to have completed prior to starting the internship].

1. **Software:** Excel, PowerPoint, Word, Outlook
2. **Travel:** access to a vehicle
3. **Coursework:** Must have a base knowledge of public health including but not limited to an understanding of social determinants of health, health access, and health equity. In addition, intern must have a base understanding of urban, suburban, and rural community types and socio-economic drivers in rural populations. Finally, intern would benefit from basic knowledge of how to read data accurately and apply data to certain situations.

### WORKS CITED

# Health Data Quality Improvement Support

## 2022 Pittsburgh Summer Institute in Applied Public Health Practice

### Project Proposal

<table>
<thead>
<tr>
<th>Preceptor Name</th>
<th>Kandis Mason</th>
<th>Phone</th>
<th>412-247-7800</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bureau</td>
<td>Allegheny County Health Dept</td>
<td>Department</td>
<td>Family and Child Health</td>
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<tr>
<td>Practicum Location</td>
<td>807 Wallace Ave, Wilkinsburg, Pa 15221</td>
<td></td>
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</tbody>
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**Do you have an available workspace?**  

| X YES | NO |

**Do you have an available computer?**  

| X YES | NO |

## Project Summary

Health Data Quality Improvement Project- The student will be participating in a health data quality improvement project for a nurse home visiting program that supports pregnant and postpartum individuals and their families through health education and parenting support. The student will participate in data audits, planning, and data analysis. The overall goal of the project is to streamline data collection/analysis to assist the organization in identifying health disparities, as well as utilizing data to inform strategic planning. The student will primarily work with the Public Health Administrator but may also work with other individuals as needed. The student will be provided with all of the equipment necessary to complete tasks associated with the project. The student will work in an office setting.

## Primary Activities and Deliverables

List the primary duties necessary to complete the project and any expected deliverables, such as a database, analysis report, presentation, educational materials, etc.

- Audit data, looking for inconsistencies and redundancy
- Evaluate the quality and necessity of data being collected
- Health Disparities analysis based on specific measures
- Explore potential uses of health data to improve health outcomes

## Specific Qualifications

List any specific skills or resources needed to complete the project, such as access to a vehicle or ability to use specific software. You may also list specific coursework that you’d like for the student to have completed prior to starting the internship.

- Experience with excel and access preferred, but willing to teach if student has a willingness to learn and has some knowledge excel
- Understand health disparities and impact on outcomes for specific groups
- Basic knowledge of health data/analytics
Animal Bites Report
Pittsburgh Summer Institute in Applied Public Health Practice (PSI)

Project Description

This project has 2 main components:

1) Investigation of animal bites reported to ACHD to ensure proper follow up with pet owners and care of bite victims
2) Cleaning and analysis of 2021 animal bite data

Initially the work will involve investigating reports of animal bites by making telephone calls to pet owners and bite victims. The intern will then clean and analyze data from all reported bites in 2021, prepare tables and graphs, and write a summary report. The intern will be stationed part time with the Immunization Program and part time with the Epidemiology group.

Primary Activities and Deliverables

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. Work with animal control agencies and other community partners to ensure that testing or quarantine of animals is done in a timely manner
4. Clean the 2021 animal bite database (remove duplicates, look for irregularities)
5. Analyze data
6. Prepare tables and graphs for main variables of interest
7. Prepare a report of animal bites in Allegheny County in 2020

Specific Qualifications

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.

Please be sure to check with your supervisor before submitting a proposal.
Preceptor Name | Lauren Brungo and Joni Carroll | Phone | 412-578-7901
--- | --- | --- | ---
Bureau | Clinical | Department | Tuberculosis
Practicum Location | 425 First Ave First Floor |  |  
Do you have an available workspace? |  |  |  
Do you have an available computer? |  |  |  
Project Summary | [Enter summary of project. This may include information about the target population, nature and scope of work, overall project goals, and work environment.] |  |  
Allegheny County had seen a rise in active Tuberculosis patients with other co-morbidities over the past year. We are now co-managing these patients with other health care providers in the community. As such, we are looking to strengthen our relationships with outside providers and pharmacists to facilitate proper care for these complicated cases.

Additional duties might include- follow up on patients that have been evaluated at outside facilities. Revision of ACHD TB Referral Guide.

Primary Activities and Deliverables | [List the primary duties necessary to complete the project and any expected deliverables, such as a database, analysis report, presentation, educational materials, etc.] |  |  
The PSI student will develop a tool kit for outside providers to reference when they are co-managing an active patient. Create teaching curriculum for ACHD to present to outside providers (both prescribers and pharmacists) regarding the co-management of active TB patients. A component of the toolkit will also contain educational information for pharmacists in Allegheny County (specifically targeting hospital outpatient pharmacies and community pharmacies in Allegheny County) about referral processes, linkages to care, communication processes, and contact information for ACHD’s TB/Pulmonary Program.

A worksheet for ACHD staff will need to be created to help manage these patients.

Specific Qualifications | [List any specific skills or resources needed to complete the project, such as access to a vehicle or ability to use specific software. You may also list specific coursework that you’d like for the student to have completed prior to starting the internship.] |  |  
It would be beneficial for this student to have past medical knowledge, knowledge of Tuberculosis or strong ability to access and interpret CDC guidance about the disease. Also required is good organizational skills, knowledge of Office Suite is a must, ability to perform research, conduct self-directed learning, and be able work as part of an interprofessional team.
### Project Proposal

#### Preceptor Name
L. Renee Miller/Linda Henley-Coates

#### Phone
412-578-8310/412-578-7952

#### Bureau
COMMUNITY HEALTH PROMOTION AND DISEASE PREVENTION

#### Department
INFECTIOUS DISEASE-IMMUNIZATION PROGRAM

#### Practicum Location
DOWNTOWN (425 1st AVE) – **REQUESTING 2 INTERNS**

#### Do you have an available workspace? **X** YES __NO
#### Do you have an available computer? **X** YES __NO

#### Project Summary
[Enter summary of project. This may include information about the target population, nature and scope of work, overall project goals, and work environment.]

This is a surveillance project within the Immunization Program focused on surveillance and follow-up of reported animal bites in Allegheny County. All animal bite exposures are 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!


#### Primary Activities and Deliverables [List the primary duties necessary to complete the project and any expected deliverables, such as a database, analysis report, presentation, educational materials, etc.]

- 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.

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.

#### Specific Qualifications [List any specific skills or resources needed to complete the project, such as access to a vehicle or ability to use specific software. You may also list specific coursework that you’d like for the student to have completed prior to starting the internship.]

- An interest in learning about rabies and its impact on public health
- Good oral communication skills and comfort talking to the public via telephone
The primary purpose of this project is to describe unintentional injury morbidity for Allegheny County residents with a focus on injuries in older adults resulting from falls. Hospitalization data from the Pennsylvania Health Care Cost Containment Council (PHC4) will be used to identify inpatient stays with a fall-related injury and any co-occurring conditions. The resulting subset will then be analyzed by available demographics, and the spatial location (ZIP Code) of the patient using geographic information system (GIS) software. At the completion of this internship, this person will (1) understand fall-related morbidity for local residents, (2) gain experience analyzing large healthcare datasets, (3) increase proficiency with both statistical and GIS software packages, and (4) disseminate key findings to health department staff.

**Primary Activities and Deliverables**

Project duties include:
- Familiarization with unintentional injury morbidity (specifically those resulting from falls)
- Create and manipulate code using statistical software to produce counts and rates stratified by available demographic data
- Incorporate spatial data into GIS software and produce relevant choropleth maps
- Assemble outputs into a slide deck and share key findings with the department
- Attend department meetings (likely virtually) on chronic disease surveillance
- If time permits, mortality data could also be incorporated into the project

**Specific Qualifications**

At minimum candidates should have:
- Coursework in biostatistics
- Ability to work independently
- Basic knowledge of epidemiologic principles
- Desire to learn SAS and ArcGIS if they are unfamiliar

Ideal candidates would also have:
- Intermediate level of comfort manipulating spreadsheet data (Excel)
- Personal or professional experience using any statistics package (SAS, Stata, R, etc.) with which they are comfortable
# Project Proposal

**Preceptor Name**: Kell Wilkinson  
**Phone**: 412-578-2311  
**Bureau**: Director’s Office  
**Department**: Health Department  
**Practicum Location**: 542 Fourth Ave, Pittsburgh PA

**Do you have an available workspace?**  
- **YES**  
- **X NO**  
**Do you have an available computer?**  
- **X YES**  
- **NO**

## Project Summary

This position will report to the Health Equity Lead in the Director’s office. The student will help to support ongoing efforts in advancing equity within ACHD and through its various programs and services. The student will support the Health Equity Leadership Team on projects related to addressing health disparities, staff support and engagement, community partnerships, and communications.

## Primary Activities and Deliverables

*List the primary duties necessary to complete the project and any expected deliverables, such as a database, analysis report, presentation, educational materials, etc.*

The student will:

- Support the implementation of research and evaluation projects
- Conduct and document literature reviews
- Support the development of health equity tools including assessments, surveys, and educational materials
- Support the development of existing project deliverables, including reports, presentations, and internal guidance documents
- Participate in and promote of health equity (and social determinants of health) training opportunities as available

## Specific Qualifications

*List any specific skills or resources needed to complete the project, such as access to a vehicle or ability to use specific software. You may also list specific coursework that you’d like for the student to have completed prior to starting the internship.*

The student should possess:
• A passion for promoting health equity
• Knowledge of issues surrounding health and racial equity
• A basic understanding of social determinants of health
• Experience working with community organizations and/or underserved populations
• A basic knowledge of theory, principles, and practice of government and public health agencies
• Strong research and writing skills
• Competent knowledge and use of Microsoft Office programs including Access, Word, PowerPoint, and Excel and other database programs
Policy Activities Support

2022 Pittsburgh Summer Institute in Applied Public Health Practice

Project Proposal

Preceptor Name | Maura Jacob | Phone | 412-208-0703
--- | --- | --- | ---
Bureau | Food Safety, Housing & Policy | Department | Public Health Policy
Practicum Location | Virtual or Hartley Rose Building, 6th Floor, 425 First Avenue, Pittsburgh, PA 15219
Do you have an available workspace? | _X_ YES __NO | Do you have an available computer? | __YES _X_NO

Project Summary

[Enter summary of project. This may include information about the target population, nature and scope of work, overall project goals, and work environment.]

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. To do that we must: work in partnership with the Board of Health to make best use of the Department's unique rulemaking responsibility under the law in Allegheny County; collaborate with our public health partners across the Commonwealth to ensure that policy decisions impacting the health of the community are informed by local public health; and support and empower municipalities to enact health policy at the local level.

The focus of this internship is to enhance the Department’s public health policy work by assisting in the modernization of Department regulations and procedures. The intern will gain direct experience in the Department’s rulemaking process, supporting staff in the drafting of regulation revisions and in communicating new policies and procedures to both internal and external stakeholders. The intern will also research sustainable mechanisms to increase community member participation during the development and evaluation of policy, and work with relevant staff to plan for future implementation.

Primary Activities and Deliverables

[List the primary duties necessary to complete the project and any expected deliverables, such as a database, analysis report, presentation, educational materials, etc.]

1. Support the policy activities of the Department by performing public health policy research and outlining findings to program managers and leadership. Example projects include briefs on the regulation and enforcement mechanisms of sister jurisdictions and reports on current best practice for increasing civic engagement, particularly from vulnerable populations.
2. Under the supervision of the Public Health Policy Specialist, create health policy communication tools for a variety of audiences, including area policymakers and the general public, that demonstrate the intersection of policy and health.
3. Assist in adapting existing health and policy materials to reflect changes in Department regulations and to better address local community concerns.
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 program managers, the Public Health Policy Specialist, and the Public Health Information Officer to present health policy communication materials to the public.

Deliverables include policy briefs, PowerPoint presentations and health policy communication materials.

Specific Qualifications

[List any specific skills or resources needed to complete the project, such as access to a vehicle or ability to use specific software. You may also list specific coursework that you’d like for the student to have completed prior to starting the internship.]

The student should possess:

- A passion for promoting health equity and civic engagement
- Strong research and writing skills
- A basic knowledge of government and policy development
- An interest in health communications and in local and national politics
- Demonstrated ability to work independently and as a part of an interdisciplinary team
In 2021 the REACH Coalition passed the following statement.

“Racial and Ethnic Approaches to Community Health (REACH) is a national program of the Centers for Disease Control and Prevention. REACH’s purpose is to reduce racial health disparities and achieve health equity so that every person has an equal opportunity to reach their full health potential.

The Allegheny County REACH coalition is committed to working together with communities and residents to remove barriers to health faced by Black and African American residents. The coalition’s approaches include increasing access to healthy food, physical activity and high-quality healthcare.

Our coalition acknowledges that widespread, persistent and systemic racism--in healthcare systems, government agencies, the for- and non-profit sectors, and other powerful institutions--are at the root of existing racial health disparities and the reason these disparities endure. To ensure that Black and African American residents have an equal opportunity to achieve optimal health, these systems of power must be addressed and changed. This change is especially needed in our region, where health outcomes for Black and African American women remain unacceptable.

We commit to centering racial equity as we work to create a region where Black and African-American residents are assured optimal health. To this end, the REACH Coalition commits to the following accountability measures as they pertain to our work under this grant and we are seeking assistance with the first accountability measure as part of this project:

1. **Engaging an appropriate independent evaluator to conduct an equity audit of our current/past work plans and identify areas for improvement. This audit will be completed by the end of Year 4 (September 2022).**

2. Creating a repository of tools and resources that partner organizations can utilize to ensure their programs are being developed, implemented and evaluated using a diversity, equity and inclusion lens. There will be discussion about these resources at REACH Coalition meetings on a quarterly basis so that partners are provided with assistance to utilize them.

3. Continuously involving residents, especially the most vulnerable, in decision-making and planning for community health improvement.
   a. Requiring that every partner has a metric to evaluate community involvement in their planning and decision-making processes.
   b. Conducting resident focus groups across REACH communities and documenting and responding to feedback shared in these settings (already underway).

The following accountability measures are currently underway and ongoing:
4. Championing policies that promote health equity and combat the fact that race, income, ZIP code, and other social factors largely determine a person’s access to healthcare and opportunities to live a healthy life.

5. Allocating over $350,000 in the form of mini-grants directly to Black/African American-led and serving organizations working to advance health equity in their communities.

6. Partnering with Black/African American led organizations in the design of gatherings, webinars, public events and communication.

7. Providing professional development opportunities for all participating contracted REACH partner agencies focused on racial and health equity, including trainings and resources.

We will work to achieve the above and provide bi-annual progress updates to the community via the REACH website.”

**Primary Activities and Deliverables**

[List the primary duties necessary to complete the project and any expected deliverables, such as a database, analysis report, presentation, educational materials, etc.)

Develop a framework for conducting an equity audit with the REACH Coalition. Following are questions that we hope to have answered by this project: What do we mean by “equity audit”? Is this something that we want to incorporate into the REACH work plan for accountability? How can each organization take a tool that is developed and use it, both as a member of this project and beyond?

Expected activities & deliverables include:

1. Research: conduct research about equity audits and frameworks that have been implemented with similar collective action models. Deliverable: summary and recommendations.

   Examples include, but are not limited to:


   [RAHC Program Overview 1.11.2021.pdf](https://everychildthrives.com/doing-evaluation-in-service-of-racial-equity/)

2. Qualitative Data Gathering: Meet with REACH Coalition Partners to gain an understanding of the current initiatives’ goals and progress. Incorporate feedback into recommendations.

3. Data Collection: on agreement from all partners about the process, begin data collection. Develop data collection tools for implementation.

**Specific Qualifications**

[List any specific skills or resources needed to complete the project, such as access to a vehicle or ability to use specific software. You may also list specific coursework that you’d like for the student to have completed prior to starting the internship].

1. **Software:** Excel, PowerPoint, Word, Outlook
2. **Coursework:** Must have a base knowledge of public health including but not limited to an understanding of social determinants of health, health access, and health equity. This project would benefit from basic knowledge of how to read data accurately and apply data to certain situations.

3. **Interests:** The student will need to be able to apply public health frameworks to existing programs. An interest in qualitative data and being able to speak to community partners is important.

---

More about the REACH grant:

The Allegheny County Health Department has teamed up with local and national partners to address disparities in African-American communities. The REACH program, a CDC-funded initiative, aims to achieve health equity and prevent chronic diseases in the East End (East Hills, Garfield, Homewood, Larimer, Lincoln-Lemington-Belmar, Wilkinsburg), Hill District, Mon Valley (Clairton, North Versailles, Duquesne, McKeesport, North Braddock, Rankin) and the Northside. Through a diverse coalition, more than 25 partners are working to increase access to healthy foods and physical activities. Partners also provide breastfeeding support and encouragement.

In addition to individual behavioral changes that improve personal and community health outcomes, there are also changes that must take place within systems, such as healthcare, grocery stores, farmers’ markets and transportation, to truly bring about equity and ensure that residents live well, regardless of their zip codes or race.

The REACH coalition has examined various local inequities, related to nutrition, physical activity, and access to care. Over the next five years, the coalition will focus efforts on healthy food policies; new or improved pedestrian, bike and transit routes; and, a pharmacist navigation and referral program.
**Preceptor Name**  
L. RENEE MILLER BS, BSN, RN

**Phone**  
412-578-8310

<table>
<thead>
<tr>
<th>Bureau</th>
<th>COMMUNITY HEALTH PROMOTION AND DISEASE PREVENTION</th>
<th>Department</th>
<th>INFECTIOUS DISEASE-IMMUNIZATION PROGRAM</th>
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**Practicum Location**  
DOWNTOWN (425 FIRST AVE) AND VARIOUS COVID19 VACCINATION LOCATIONS [REQUESTING 1 STUDENT]

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<tr>
<th>Do you have an available computer?</th>
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**Project Summary** [Enter summary of project. This may include information about the target population, nature and scope of work, overall project goals, and work environment.]

ACHD started administering COVID-19 vaccinations in December of 2020. This ongoing project faces many challenges in reaching underserved communities who have been most impacted by the COVID-19 pandemic. Many factors contribute to health inequities - lack of computer access, transportation, widespread misinformation, and mistrust/lack of education regarding vaccines to name just a few. This is a long-term project to educate and vaccinate all residents of Allegheny County who wish to be vaccinated.

Planning may be done at the 425 First Ave office (no patient contact area) following all COVID-19 PPE guidelines. At PODs (Points of Dispensing), intern will have limited close contact exposure. Sites follow all COVID-19 PPE guidelines.

**Primary Activities and Deliverables** [List the primary duties necessary to complete the project and any expected deliverables, such as a database, analysis report, presentation, educational materials, etc.]

- Work with the team to help identify and plan COVID-19 vaccination PODs in the most underserved/lowest vaccination rate areas of Allegheny County.
- Work with the team to identify community leaders/religious leaders to help promote vaccination in the community.
- Work with the team to identify barriers to vaccination and create plan of action to decrease barriers.
- Provide education/education materials to community partners.
- Assist at the POD’s – patient flow, registration, education, vaccine and supply management.
- Other duties, as necessary.

**Specific Qualifications** [List any specific skills or resources needed to complete the project, such as access to a vehicle or ability to use specific software. You may also list specific coursework that you’d like for the student to have completed prior to starting the internship.]

- Will need transportation to get to clinic for planning days and to go to PODs
The mission of the Allegheny County Child Death Review Team (CDR) is to promote the well-being of children and reduce the number of preventable child fatalities within Allegheny County. This is accomplished by conducting in-depth case reviews of deceased Allegheny County residents aged 0-21 years. The review team is multi-disciplinary and is comprised of representatives from multiple county agencies. This practicum will involve matching CDR case lists with vital statistics, analyzing vital statistics data using ICD codes, analyzing review data from the National CDR Case Reporting System, and developing charts and graphs that may be used by the CDR team to inform the state CDR team, elected officials, prevention partners, and the public. This also includes the Fetal and Infant Mortality Review which collects data directly from hospitals and providers as it focuses on fatalities starting at 16 weeks gestation until 28 days neonate before hospital discharge.

**Primary Activities and Deliverables**  
[List the primary duties necessary to complete the project and any expected deliverables, such as a database, analysis report, presentation, educational materials, etc.]

**Duties:**
1. Analyze birth and death certificate data
2. Match CDR case list to death certificate data
3. Analyze case review data in the National CDR Case Reporting System
4. Analyze FIMR data collected from providers

**Deliverables:**
1. Charts and graphs for the following cause and manners of death:
   - Homicide
   - Suicide
   - Overdose
   - Motor Vehicle related
   - Infant sleep related
   - Prematurity

**Specific Qualifications**  
[List any specific skills or resources needed to complete the project, such as access to a vehicle or ability to use specific software. You may also list specific coursework that you’d like for the student to have completed prior to starting the internship].

Experience and comfort working with statistical software such as SAS
Experience and comfort working with Microsoft Excel
Interest in data analysis and injury prevention

Please be sure to check with your supervisor before submitting a proposal.