



PRACTICUM PLACEMENT CATALOG

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Kentucky Public Health

Prevent. Promote. Protect.



HOW TO APPLY

Thank you for your interest in the [Student Internship Program](#) with the Kentucky Department for Public Health (KDPH)!

If you are interested in an opportunity in our Practicum Catalog, please click the link below and fill out the [Student Application](#):

If you are interested in learning more about our department, click the link below to visit our website:

<https://chfs.ky.gov/agencies/dph>



Office of Health Equity





PROJECT TITLE:

HEALTH EQUITY & PUBLIC HEALTH

HOST SITE SUPERVISOR: DR. DANIELLE KING, LP.D., MPH

DIVISION: Commissioner's Office

BRANCH: Office of Health Equity

SECTION: n/a

STUDENT LEVEL: Associate or Bachelor

NUMBER OF STUDENTS: 1-2 HOURS/

SCHEDULE: Part Time/ Flexible

SETTING: In-Person/ Hybrid

PROJECT DESCRIPTION:

The Office of Health Equity seeks an intern to work on tasks related to harm reduction / syringe services programs (SSPs), community health worker (CHW) programs, data collection and analysis. At the end of the semester-long internship, the intern will be able to write and review a request for applications (RFA), write an application for a RFA, understand health equity vocabulary and definitions, understand basic definitions of public health concepts (e.g. epidemiology, harm reduction, etc.), make a basic map with Tableau and give a 10 minute presentation to the HEB detailing accomplishments.

PROJECT GOALS:

- Know how to review applications for an RFA as well as write applications.
- Make a basic map with Tableau.
- Give a 10 min presentation at end of the semester detailing what they've learned.
- Understand health equity vocabulary and definitions as well as basic public health concepts.

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook), Excel
- **RECOMMENDED:** Community Based Experience, Communications and Literature Review/Search

START DATE: 9/25/23 END DATE: 12/29/23



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Commissioner's Office





PROJECT TITLE:

PUBLIC HEALTH NURSING TRAINING MODEL

HOST SITE SUPERVISOR: RUTH C. WILLARD, DNP, MBA, RN-BC

DIVISION: Commissioner's Office

BRANCH: In Collaboration with the Education and Workforce Development (EWD) Branch

SECTION: n/a

STUDENT LEVEL: Master or Doctorate

NUMBER OF STUDENTS: 1

HOURS/SCHEDULE: Part Time/ Flexible

SETTING: Hybrid

PROJECT DESCRIPTION:

The Commissioner's Office seeks an intern to assist in the development of the Public Health Nurse Training Program. Education plays an important role in achieving organizational goals, hence, training is an essential factor contributing to competency of the staff and organizations. Training and education is a vital investment that will lead to staff development, success of organizational plans and improved community (patient) outcomes. This project will develop a template outlining the needed education/training to onboard a novice public health nurse and needed advanced training.

PROJECT GOALS:

- Collaborate with Nurse Executive Committee, Education and the Workforce Development Branch to gather data on educational needs both clinical and nonclinical for nurses.
- Research existing Administrative Reference and Clinical Service Guide for needed education and training.
- Collaborate with Nurse Executive Committee, Education and the Workforce Development Branch to gather data on existing training for nurses.
- Develop a template for training and educational needs specific to the public health nurse in the local health departments.
- Investigate implementation modalities for the education/training template.

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook), Excel, Nursing/Medical
- **RECOMMENDED:** Legislative/Policy, Administrative, Communications, Literature Review/Search, Data Aggregation

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Division of Epidemiology and Health Planning





PROJECT TITLE:

MODERNIZING HEALTH DATA THROUGH DATA VISUALIZATIONS

HOST SITE SUPERVISOR: MEAGAN HURST, MPH

DIVISION: Epidemiology and Health Planning

BRANCH: Division Office

SECTION: Environmental Public Health Tracking

STUDENT LEVEL: Master

NUMBER OF STUDENTS: 1

HOURS/SCHEDULE: Part Time/ Flexible

SETTING: Hybrid

PROJECT DESCRIPTION:

The Epidemiology and Health Planning Division seeks an intern to assist in the data modernization efforts for Kentucky Environmental Public Health Tracking through experience with Tableau, ArcGIS and other data analysis platforms. Students will be engaged in onboarding various data sets to the Kentucky Tracking data portal by building Tableau visualizations. Students will also assist the team in building ArcGIS StoryMaps to meet current standards for ESRI products.

PROJECT GOALS:

- Assist with data cleaning and preparation for visualization.
- Communicate professionally with external partners on data maintenance standards.
- Gain experience with data governance practices surrounding various projects for data sharing.
- Build data visualizations in multiple platforms.

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook), Excel, Clean-up/Standardization of Data Bases, Descriptive Statistics, Evaluation Methodologies
- **RECOMMENDED:** Communications, Geographical Information System (GIS), Study Design, Sample Size, Sampling Methodology, Epidemiologic, Literature Review/Search, Data Aggregation, Matching, Advanced Statistics

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**Division of
Public Health
Protection
and Safety**





PROJECT TITLE:

BIOSTATISTICS FOR WASTEWATER-BASED EPIDEMIOLOGY

HOST SITE SUPERVISOR: DR. NANCY E. JOHNSON, DRPH, MSPH, CIH

DIVISION: Public Health Protection and Safety

BRANCH: Countermeasures

SECTION: n/a

STUDENT LEVEL: Master or Doctorate

NUMBER OF STUDENTS: 1-2

HOURS/SCHEDULE: Part Time/ Flexible

SETTING: Hybrid

PROJECT DESCRIPTION:

The Division of Public Health Protection and Safety, Countermeasures Branch seeks an intern to utilize either SAS or R to shape laboratory and disease surveillance data for visualization on the Tableau-based dashboard (splines, heat maps, etc.) The project data coordinator will assist as needed. This is a fantastic opportunity to work within the new field of wastewater-based epidemiology and support actionable public health advisories.

PROJECT GOALS:

- Work with Biostatisticians at the Kentucky Department for Public Health (and partners at the University of Kentucky and the University of Louisville) to develop visualizations of data for display on the dashboard.
- Utilize R and/or SAS to assess disease and wastewater data (COVID-19, Flu A/B, and RSV to start) for trends and signals.
- Contribute to public health communication/storyboards to be used by local health departments (LHDs).

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook), Excel, Statistical Software, Data Aggregation, Clean-up/Standardization of Data Bases, Matching, Descriptive Statistics, Advanced Statistics
- **RECOMMENDED:** Geographic Information Systems (GIS), Epidemiologic,

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PROJECT TITLE:

RESOURCE MANAGEMENT PROCESS

HOST SITE SUPERVISOR: YVETTE COLEMAN

DIVISION: Public Health Protection and Safety

BRANCH: Emergency Preparedness and Response

SECTION: n/a

STUDENT LEVEL: Associate, Bachelor or Master

NUMBER OF STUDENTS: 1

HOURS/SCHEDULE: Part Time - Full Time / Flexible

SETTING: Hybrid

PROJECT DESCRIPTION:

The Division of Public Health Protection and Safety, Emergency Preparedness and Response Branch seeks an intern to successfully mobilize, use and recover resources to support any all-hazards incident requires effective resource management concepts and principles. The student selected for this project will work with the Healthcare Coalition Coordinator (HCC), member agencies and the KDPH Logistics Coordinator to update and revise the current Coalition inventory management protocols, prepare a user-friendly guidance sheet for member agencies, and assist with implementing the new inventory system.

PROJECT GOALS:

- Overview/review current coalition inventory management protocol; revise as needed.
- Engage with HCC members with to identify gaps preventing deployment of current assets and/or new mission ready packages (for example, Access & Functional Needs).
- Revise Equipment/Materials Receipt and preventive maintenance plan checklists/logs.
- Review regulations governing the disposal of broken, obsolete, or expired assets and prepare a one-page reference sheet for member agencies.
- Attend meetings and assist with meeting minutes, agendas, sign-in sheets, and presentations.

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook), Excel, Communications
- **RECOMMENDED:**

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Division of Prevention and Quality Improvement





PROJECT TITLE:

DEVELOPING ORAL HEALTH MESSAGING AND QUALITY IMPROVEMENT

HOST SITE SUPERVISOR: LINDSEY JAMES

DIVISION: Division of Prevention and Quality Improvement

BRANCH: Oral Health Branch and the Office of Performance Improvement and Accreditation

SECTION: n/a

STUDENT LEVEL: Bachelor or Master

NUMBER OF STUDENTS: 1

HOURS/SCHEDULE: Part Time Flexible

SETTING: Hybrid

PROJECT DESCRIPTION:

The Division of Prevention and Quality Improvement is seeking an intern to share time and efforts between the Oral Health Branch and Office of Performance Improvement and Accreditation (OPIA). The student intern will assist with the State Health Improvement Plan efforts in OPIA as well as the ongoing Quality Improvement Project for job postings at the Kentucky Department for Public Health. The Oral Health Branch will utilize intern for a project regarding the Prenatal Dental Campaign, webpage clean-up and development, data analysis and presentation of data to the Kentucky Public Health Dental Hygiene Program.

PROJECT GOALS:

- Learn communication skills from working with a diverse group of people.
- Expand written communication skills through help with webpage development and content.
- Master technical skills regarding health improvement plan, quality improvement and data cleaning.

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook)
- **RECOMMENDED:** Excel, Statistical Software, Administrative, Communications, Sample Size, Epidemiologic, Clean-Up/Standardization of Data Bases, Descriptive Statistics

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PROJECT TITLE:

FOSTERING NATIONAL/STATE DATA SHARING AND TRANSFORMATION PRACTICES THROUGH THE LHD ACADEMY OF SCIENCE

HOST SITE SUPERVISOR: CARRIE CONIA

DIVISION: Division of Prevention and Quality Improvement

BRANCH: Office of Performance Improvement and Accreditation

SECTION: n/a

STUDENT LEVEL: Bachelor or Master

NUMBER OF STUDENTS: 1

HOURS/SCHEDULE: Part Time Flexible

SETTING: Virtual

PROJECT DESCRIPTION:

The Division of Prevention and Quality Improvement is seeking an intern to work directly with the leadership team for the Local Health Department (LHD) Academy of Science - Kentucky Group (AOS-KY) to support efforts to unify and standardize public health data. This student will gain skills in project management, data consolidation, data aggregation, descriptive statistics, evaluation methodologies, data analysis, material development and leadership, as well as an understanding of the partnership between KDPH & LHD.

PROJECT GOALS:

- Develop educational/information materials in collaboration with the AOS-KY Leadership Team to promote use of AOS.
- Create a catalog of available Kentucky AOS templates for members.
- Provide support to the AOS-KY group in achieving strategic plan goals and objectives and monthly meeting activities.
- Assist with the selection of measurements to collect local level data.
- Describe how AOS can contribute to positive health outcomes and improved health department foundational capabilities.

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook), Excel, Administrative, Communications, Epidemiologic, Data Aggregation, Clean-Up/Standardization of Data Bases
- **RECOMMENDED:** Statistical Software, Community Based Experience, Study Design, Matching, Descriptive Statistics, Evaluation Methodologies

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Division of Maternal and Child Health





PROJECT TITLE:

HANDS DATA COLLECTION AND COMMUNICATION

HOST SITE SUPERVISOR: EMILY FARRELL

DIVISION: Maternal and Child Health

BRANCH: Program Support Branch

SECTION: n/a

STUDENT LEVEL: Bachelor or Master

NUMBER OF STUDENTS: 1

HOURS/SCHEDULE: Part Time/ Flexible

SETTING: Hybrid

PROJECT DESCRIPTION:

The Maternal and Child Health Program Support Branch seeks an intern to promote coherence, efficiency, utility and standardization of surveys administered by the HANDS program. The overarching goal is to have streamlined data collection and dissemination that meets program and audience needs.

PROJECT GOALS:

- Review existing and planned surveys, recommend changes to eliminate duplicated effort and work with program staff to develop written procedures or protocols for survey administration.
- Review existing and planned fact sheets that use survey data for aesthetics and functionality, assess readability, identify ways to streamline the fact sheet creation process and work with program staff to develop written procedures or protocols.
- Summarize the full data collection and dissemination process, describe state program staff goals and identify local HANDS agency needs in order to recommend changes.
- Work with program epidemiologists to analyze survey data using descriptive statistics and update fact sheets with the most recent information.

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook), Excel, Communications, Descriptive Statistics
- **RECOMMENDED:** Statistical Software, epidemiologic, Literature Review/Search

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PROJECT TITLE:

ADOLESCENT HEALTH COLLABORATIVE NETWORK AND RESOURCE REPOSITORY

HOST SITE SUPERVISOR: MICHELLE BULLIS

DIVISION: Maternal and Child Health

BRANCH: Child and Family Health Improvement Branch

SECTION: Adolescent Health

STUDENT LEVEL: Associate or Bachelor

NUMBER OF STUDENTS: 1

HOURS/SCHEDULE: Part Time / Flexible

SETTING: Virtual

PROJECT DESCRIPTION:

The Division of Maternal and Child Health seeks an intern to research, develop and implement an online sharing platform for sub-grantees of the Sexual Risk Avoidance Education and Personal Responsibility Education Program Grants. The student will create tip sheets of grant implementation, reporting requirements and other tools to support health educators across the state in providing education to teens. The student will provide virtual training on the system to sub-grantees and offer support in launching the online repository.

PROJECT GOALS:

- Research options for collaboration and resource online sharing.
- Research and develop tip sheets around program guidelines and best practices to share with sub-grantees.
- Setup online site for easy collaboration and sharing of resources.
- Develop and implement training on use of online platform for grantees.

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook), Communications
- **RECOMMENDED:** Excel, Administrative, Community Based Experience

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Division of Women's Health





PROJECT TITLE:

TRANSFORMING THE WOMEN'S HEALTH RESOURCE CENTER

HOST SITE SUPERVISOR: GINA BRIEN, MA

DIVISION: Division of Women's Health

BRANCH: Women's Health Resource Center

SECTION: n/a

STUDENT LEVEL: Bachelor or Master

NUMBER OF STUDENTS: 1-2

HOURS/SCHEDULE: Part Time - Full Time/ Flexible

SETTING: Virtual

PROJECT DESCRIPTION:

The Division of Women's Health, Women's Health Resource Center (WHRC) seeks an intern to lead efforts to review the content and links on the WHRC website for relevance and alignment with current Division of Women's Health priorities, to ensure the timeliness, accuracy and effectiveness of WHRC content and links and to provide administrative support to the Division of Women's Health staff in developing the WHRC action plan.

PROJECT GOALS:

- Navigate through the WHRC links and content to identify items that need to be improved, augmented or replaced with updated information.
- Collaborate with Division of Women's Health staff and do independent research to develop updated WHRC content and links.
- Work with staff and independently to create materials to describe and promote the WHRC action plan.
- Participate in division-wide and program team meetings.
- Attend collaborative meetings with other DPH/CFHS programs, meetings with federal grant officers or workgroup meetings to develop workplans for grant proposals.

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook)
- **RECOMMENDED:** Excel, Community-Based Experience, Communications, Multilingual, Study Design, Epidemiologic, Literature Review/Search, Evaluation Methodologies

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Division of Laboratory Service





Division of Administration and Financial Management





Filled Positions





PROJECT TITLE:

"NOTHING ABOUT US WITHOUT US" A STATEWIDE ASSESSMENT OF COMMUNITY HEALTH WORKERS CERTIFICATION IN KENTUCKY

HOST SITE SUPERVISOR: LAURA EIRICH

DIVISION: Division of Prevention and Quality Improvement

BRANCH: Chronic Disease Prevention and Health Promotion

SECTION: n/a

STUDENT LEVEL: Bachelor or Master

NUMBER OF STUDENTS: 1

HOURS/SCHEDULE: Full Time - Part Time / Flexible

SETTING: Virtual

PROJECT DESCRIPTION:

The Division of Prevention and Quality Improvement is seeking an intern to develop a survey to gauge the feelings, attitudes and feedback related to Community Health Workers (CHW) Certification. The student will review and analyze survey results, and create a report and/or infographic to be distributed to all CHWs and partners across the state. If time allows, the student may coordinate live feedback sessions (in person or virtual) with CHWs who wish to do a deeper dive into particular topics.

PROJECT GOALS:

- Define the role, scope, and skills of Community Health Workers
- Articulate how CHWs fit into the Public Health field.
- Describe various ways in which CHWs can contribute to positive health outcomes and reduction of barriers.
- Describe the requirements for CHW Certification in Kentucky.
- Design a statewide survey to understand the attitudes, feelings, and needs of the CHW profession in relation to Certification.
- Assess survey data and compile results for distribution.

SKILLS:

- **REQUIRED:** Microsoft Office (Word, PowerPoint, Outlook), Excel, Descriptive Statistics
- **RECOMMENDED:** Administrative, Community-Based Experience, Communications, Data Aggregation, Canva

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