

Kentucky Department for Public Health Student Internship Program Catalog

January 11 – May 15, 2027

Application Closes Nov. 3, 2026

October 13, 2026



Kentucky Public Health
Prevent. Promote. Protect.



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AND FAMILY SERVICES

Kentucky Department for Public Health- About Us



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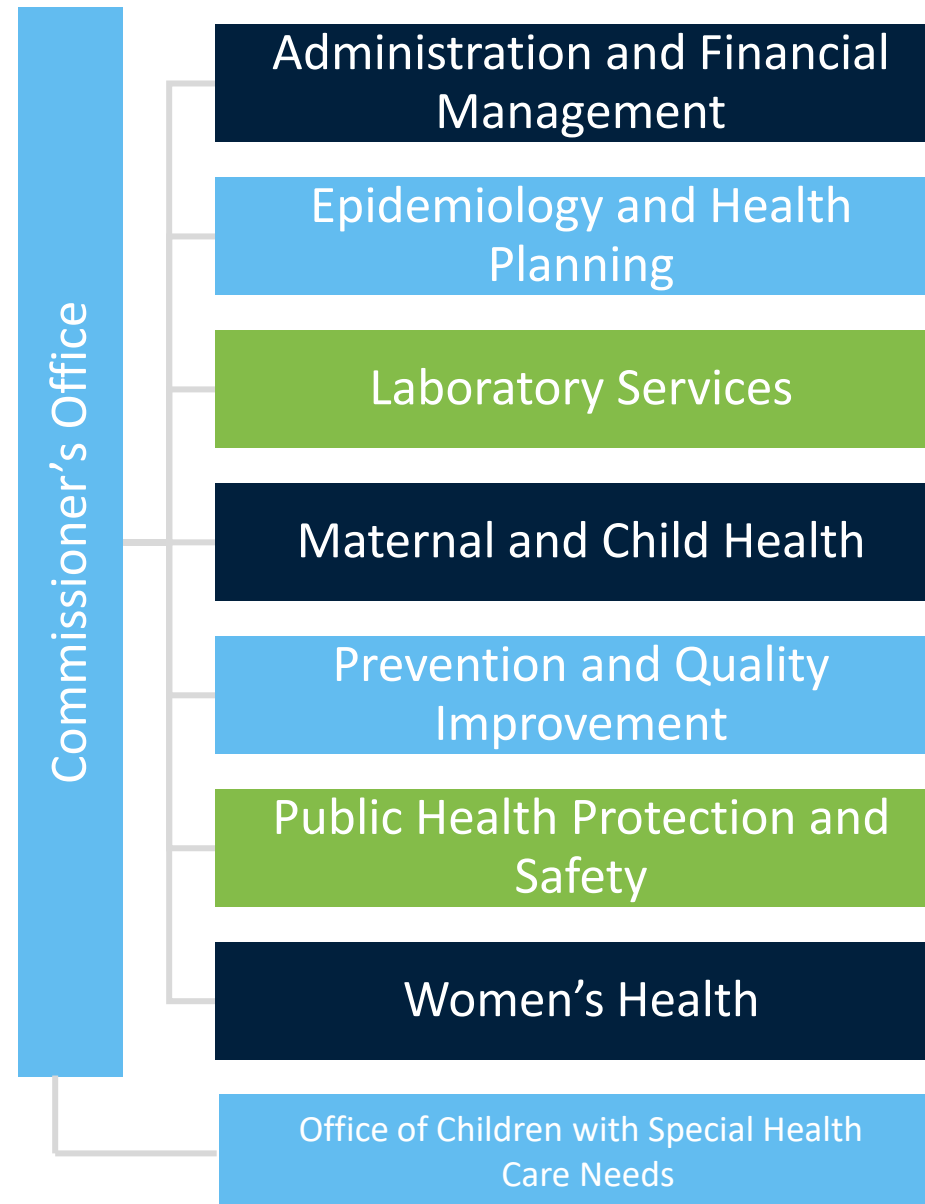
The Kentucky Department for Public Health (KDPH) is dedicated to improving the health and safety of Kentuckians through *prevention, promotion, and protection*.

As a major part of the Cabinet for Health and Family Services, KDPH provides guidance and support for health departments in all 120 counties.

Serving as Kentucky's dedicated public health resource, KDPH is responsible for identifying and allocating resources to communities and public health institutions to prevent and protect against diseases, outbreaks, and hazards statewide.

Kentucky Department for Public Health

Organizational Chart



Population Health
Contracts and Payment
Local Health Operations
Budget
Local Health Personnel
Education and Workforce Development
Grants Coordination
Infectious Disease
Vital Statistics
Immunizations
Microbiology
Molecular and Clinical Chemistry
Global Preparedness and Environmental
Business Operations
Quality, Compliance, and Safety
Nutrition Services
Child and Family Health Improvement
Early Childhood Development
Program Support
Chronic Disease Prevention
Health Care Access
Oral Health
Public Health Improvement
Milk Safety
Food Safety
Environmental Management
Radiation Health
Public Safety
Public Health Preparedness
Breast and Cervical Cancer Screening
Family Planning

Office of the Commissioner

Nursing Skills Refresher Manual for Medical Needs

- 🛡️ **Open to:** Bachelors, Masters and Doctorate
- 🛡️ **Supervisor:** Ruth Willard, DNP, MBA, RN, BC, Director of Nursing
- 🛡️ **Desired Skills:** Computer skills to create an electronic learning toolkit (Word, Adobe, Outlook, etc.). Simulation or clinical experience (foundational), knowledge of teaching strategies for adult learners, ability to lead and communicate within a workgroup.
- 🛡️ **Setting:** Hybrid
- 🛡️ **Number of Hours Per Week:** 10
- 🛡️ **Project Description:** This project will be a multi-disciplinary workgroup approach between preparedness and nursing education staff to evaluate past training curriculum for medical needs sheltering, identify educational and competency gaps. Design and implement an evidence-based educational curriculum with active learning strategies to support the professional development of the local health department nursing and support staff.
- 🛡️ **Project Deliverable 1:** Nursing Skills training gap analysis.
- 🛡️ **Project Deliverable 2:** Nursing Skills Refresher Manual for Medical Needs (electronic).
- 🛡️ **Project Deliverable 3:** Simulation Curriculum and Check off tools.
- 🛡️ To apply for the [Nursing Skills Refresher Manual for Medical Needs](#) project, use this application link.

Grant Ready: Creating Tools to Support Public Health Funding

- 🛡️ **Open to:** Bachelors
- 🛡️ **Supervisor:** Julie McAllister, MHA, Staff Advisor, Federal Grants Application Specialist
- 🛡️ **Desired Skills:** Computer skills: Excel, Word, Outlook, Teams and Canva.
- 🛡️ **Setting:** Hybrid
- 🛡️ **Number of Hours Per Week:** 10
- 🛡️ **Project Description:** The Grant Ready project is a Quality Improvement (QI) initiative within the Kentucky Department for Public Health focused on making the grants process easier for staff to understand and navigate. The main goals are: Improve clarity and organization of the grant's intranet page, reduce confusion about where to start in the process, centralize trainings, templates, guidance, increase staff confidence and grant readiness and support efficiency across divisions.
- 🛡️ **Project Deliverable 1:** Grant Application/Grant Writing Toolkit.
- 🛡️ **Project Deliverable 2:** Quality Improvement summary.
- 🛡️ **Project Deliverable 3:** Updated "Grants Process" intranet page content.
- 🛡️ **Project Deliverable 4:** Benchmarking report on application support models.
- 🛡️ To apply for the [Grant Ready: Creating Tools to Support Public Health Funding](#) project, use this application link.

Rural Health Transformation Program: Crisis to Care

-  **Open to:** Masters
-  **Supervisor:** Julia DeBoor, MPH, NRP, Implementation Specialist
-  **Desired Skills:** Basic proficiency with Microsoft Office applications, basic ability to organize, review, interpret, and summarize program data and to navigate databases; advanced analytics experience is not required, familiarity with healthcare or EMS systems is strongly preferred but not required, experience conducting research, preparing reports or presentations, or coordinating projects.
-  **Setting:** Hybrid
-  **Number of Hours Per Week:** 5
-  **Project Description:** The Crisis to Care Intern will support the Kentucky Department for Public Health's Rural Health Transformation initiative by assisting with projects designed to strengthen EMS and community-based healthcare delivery. The intern may contribute to Community Paramedicine, Treat-No-Transport, Transport-to-Alternative Destinations, EMS education and workforce initiatives, and other program priorities. Activities may include research, data and reporting support, development of program materials, stakeholder engagement, policy & regulatory reviews and implementation planning. The internship will provide hands-on experience supporting a large-scale statewide healthcare transformation initiative.

Rural Health Transformation Program: Crisis to Care (Continued)

-  **Project Deliverable 1:** Collaborate with Crisis to Care initiative leads to develop and update program resources, implementation tools, workflows, and educational materials supporting Community Paramedicine, Treat-No-Transport, Transport-to-Alternative Destinations and other EMS transformation initiatives.
-  **Project Deliverable 2:** Assist with the collection, organization, analysis, and reporting of program data and performance measures to support implementation monitoring, evaluation and continuous quality improvement.
-  **Project Deliverable 3:** Conduct research and environmental scans related to EMS delivery models, workforce development, healthcare partnerships, reimbursement, technology, and other emerging priorities to inform Crisis to Care program planning and implementation.
-  **Project Deliverable 4:** Support stakeholder engagement and program coordination by assisting with meetings, presentations, communications, surveys, and other activities involving EMS agencies, healthcare organizations and community partners.
-  To apply for the [Rural Health Transformation: Crisis to Care](#) project, use this application link.

Division of Laboratory Services

Newborn Screening Submitter Report Card and Posters

- 🛡️ **Open to:** Bachelors
- 🛡️ **Supervisor:** Lea Mott, MT, (ASCP), Technical Advisor
- 🛡️ **Desired Skills:** Word, PowerPoint, Excel, graphic design experience, media creation experience and data mining.
- 🛡️ **Setting:** In-person
- 🛡️ **Number of Hours Per Week:** 20
- 🛡️ **Project Description:** Create a report card for submitter. Create top ten reminders' posters for hospitals and midwives. Update and print homebirth poster and incidence rate poster. Organize refusal data and develop educational materials packet. Tik Tok like video on specimen collection.
- 🛡️ **Project Deliverable 1:** Report card creation.
- 🛡️ **Project Deliverable 2:** Educational poster development.
- 🛡️ **Project Deliverable 3:** Specimen collection video.
- 🛡️ **Project Deliverable 4:** Organize refusal data and develop education packet.
- 🛡️ To apply for the [Newborn Screening Submitter Report Card and Posters](#) project, use this application link.

Standard Operating Procedure (SOP) Standardization and Knowledge Retention

- 🛡️ **Open to:** Associates, Bachelors and Masters
- 🛡️ **Supervisor:** Katelyn Cox, Public Health Laboratory Scientist Manager
- 🛡️ **Desired Skills:** Computer skills, including Microsoft Office (Word, PowerPoint, Outlook, Excel).
- 🛡️ **Setting:** In-person, Hybrid
- 🛡️ **Number of Hours Per Week:** 5-20
- 🛡️ **Project Description:** The Quality, Compliance and Safety Branch seeks an intern to support documentation standardization and quality improvement for the Division of Laboratory Services (DLS), a College of American Pathologists (CAP) and International Organization for Standardization (ISO) accredited laboratory. This position offers hands-on experience collaborating with laboratory scientists and leadership to improve the organization of procedures, documentation and institutional knowledge across a public health laboratory. The intern will have opportunities to contribute to SOP development and review, knowledge retention, document creation and related quality initiatives. This project provides an opportunity to see how effective documentation and quality practices support reliable laboratory operations, accreditation and public health.

SOP Standardization and Knowledge Retention (Continued)

-  **Project Deliverable 1:** Support scientists and leadership in standardizing and updating the formatting of Division Standard Operating Procedures (SOPs).
-  **Project Deliverable 2:** Knowledge Retention Toolkit Updates - Target 10-15 team members who need their retention documents updated.
-  **Project Deliverable 3:** Design, update or create informational one-pagers and banners highlighting the DLS using Canva or similar tools.
-  To apply for the [SOP Standardization and Knowledge Retention](#) project, use this application link.

Division of Epidemiology & Health Planning

KY Public Health Interview Team (PHIT)

- 🛡️ **Open to:** Bachelors and Masters
- 🛡️ **Supervisor:** Morgan Smith, MPH, CPH, Epidemiologist III
- 🛡️ **Desired Skills:** Computer skills (Microsoft Excel), experience with programs such as REDCap and Geographic Information Systems (GIS), interview/communication skills, data entry/management skills, analytic skills, time management, ability to work independently and detail-oriented.
- 🛡️ **Setting:** Virtual, hybrid
- 🛡️ **Number of Hours Per Week:** 20
- 🛡️ **Project Description:** The Reportable Disease Section is seeking 1-2 interns to work with the KY Public health Interview Team (PHIT) at the Kentucky Department for Public Health in the Division of Epidemiology and Health Planning. This is an excellent opportunity to gain applied epidemiology experience. Interns will be cross-trained to conduct case-patient interviews for enteric conditions and vector-borne conditions. Additional job roles will include performing data collection and data entry. Interns may also assist with outbreak investigations.
- 🛡️ **Project Deliverable 1:** Conduct case-patient interviews for enteric conditions and/or vector-borne conditions.
- 🛡️ **Project Deliverable 2:** Collect disease exposure data and enter data into the National Electronic Disease Surveillance System (NEDSS) and REDCap projects.
- 🛡️ **Project Deliverable 3:** Assist with descriptive data analysis projects for enteric disease and/or vector-borne disease data.
- 🛡️ To apply for the [KY PHIT](#) project, use this application link.

Data Visualization and CDC Embed Project

- 🛡️ **Open to:** Bachelors, Masters and Doctorate
- 🛡️ **Supervisor:** Meagan Hurst, MPH, Principal Investigator/Program Manager
- 🛡️ **Desired Skills:** Computer skills (Word, PowerPoint, Outlook, Excel), Communications, Database Familiarity (date aggregation, clean-up/standardization of data bases, matching), Analytic Skills (descriptive statistics, advanced statistics, evaluation methodologies).
- 🛡️ **Setting:** Virtual, Hybrid
- 🛡️ **Number of Hours Per Week:** 20
- 🛡️ **Project Description:** The Reportable Disease Section is seeking 1-2 interns to work with the Kentucky Environmental Public Health Tracking (KY Tracking) program at the Kentucky Department for Public Health in the Division of Epidemiology and Health Planning. This project will support KY tracking's participation in the CDC Embed Project as well as other visualization projects as proposed by partners across the public health spectrum. As part of the CDC Embed Project, KY Tracking is working to make these data available through interactive visualizations. Interns will assist with preparing and organizing data and developing accessible visualizations using Tableau. These visualizations will be designed to provide users with functionality similar to the national Environmental Public Health Tracking portal while allowing Kentucky greater flexibility in how data is displayed and maintained. Through this project, interns will gain experience in public health data, data visualizations, accessibility, environmental health surveillance and communicating data to public audiences and other public health professionals. Students will gain valuable experience with data cleaning, visualization software application, accessibility compliance and suppression and release policy standards.

Data Visualization and CDC Embed Project (Continued)

-  **Project Deliverable 1:** Analyze, prepare and organize environmental and public health data for use in KY tracking visualizations.
-  **Project Deliverable 2:** Develop public-facing interactive data visualizations using Tableau.
-  **Project Deliverable 3:** Support the transition and maintenance of Environmental Public Health Tracking (EPHT) data within the KY tracking program.
-  **Project Deliverable 4:** Assist with data integration and partner projects for the KY tracking data portal
-  To apply for the [Data Visualization and CDC Embed Project](#), use this application link.

Kentucky Medicaid Data for Public Health Action: Antimicrobial Stewardship and Immunization Surveillance

- 🛡️ **Open to:** Masters and PhD
- 🛡️ **Supervisor:** Aravind Pillai, MMBS, MPH, PhD, Antimicrobial Stewardship Lead
- 🛡️ **Desired Skills:** Computer skills: Statistical software (R, SQL, Python), Excel, and GIS/mapping for geographic and social-vulnerability analysis; Word, PowerPoint, Outlook for reporting and coordination, Research Methodology: study design, epidemiologic methods, sampling and denominator construction and literature review. Database Familiarity: data aggregation, clean-up and standardization of large administrative claims datasets and record matching across sources (NPI-level matching across Medicaid, IQVIA, and KYIR) Analytic Skills: descriptive statistics, advanced statistics and evaluation methodologies; stratified/disparities analysis Nursing/Medical: clinical familiarity with prescribing and immunization concepts helpful; no specific certification or degree required. Communications: scientific writing and translating analytic findings into public health action.
- 🛡️ **Setting:** Hybrid, In-person
- 🛡️ **Number of Hours Per Week:** 10

Kentucky Medicaid Data for Public Health Action: Antimicrobial Stewardship and Immunization Surveillance (Continued)

-  **Project Description:** This project builds on the Kentucky Department for Public Health's existing Kentucky Medicaid antibiotic stewardship work by using IQVIA LRx prescription data to validate Medicaid-derived antibiotic prescribing measures, cross-checking prescriber-level and volume estimates between the two independent data sources. In parallel, it extends the same claims-based approach to immunization, using Medicaid vaccine administration and pharmacy claims to measure vaccine utilization across the enrolled population and to build a database of vaccine-administering providers who are missing from existing systems such as the Kentucky Immunization Registry (KYIR). Together, these two applications demonstrate Kentucky Medicaid claims as a replicable public health surveillance platform, validated against external data and extensible across program areas.
-  **Project Deliverable 1:** A validated cross-source comparison of Kentucky Medicaid antibiotic prescribing against IQVIA LRx data, quantifying agreement at the prescriber (NPI) and volume level and documenting any systematic differences between the two sources.
-  **Project Deliverable 2:** A Medicaid claims-based immunization utilization analysis measuring vaccine usage across the enrolled population by vaccine type, age group, geography and social vulnerability.
-  **Project Deliverable 3:** A database of vaccine-administering providers identified in Medicaid claims but absent from the Kentucky Immunization Registry (KYIR), flagged for reporting follow-up.
-  To apply for the [Kentucky Medicaid Data](#) project, use this application link.

BECKY Resource Hub: Connecting Epidemiology Students and New Epi Professionals to Tools for Success



Open to: Bachelors



Supervisor: Janie Cambron, DrPH(c), MPH, REHS, Technical Advisor



Desired Skills: Communications: Ability to organize and present information clearly for a student and professional audience. Computer Skills: Microsoft Word, PowerPoint, Excel and web-based tools, such as Canva. Public Health/Community Experience: Interest in epidemiology, public health practice, mentorship or workforce development.



Setting: Virtual



Number of Hours Per Week: 5



Project Description: The student will work with the Building Epi Capacity in Kentucky (BECKY) initiative and Kentucky Department for Public Health Division of EPI and Health Planning to help develop a practical resource hub designed primarily to support new epidemiologists as they transition into public health practice, while also providing useful resources for epidemiology students preparing to enter the workforce. The student will identify and organize training materials, professional development opportunities, career resources, mentorship tools and other resources that can help build confidence and skills during this transition. A key component will be developing a crosswalk of existing epidemiology mentorship and workforce resources, including Council of State and Territorial Epidemiologists (CSTE) and other national, state and public health programs, to identify useful models and potential gaps. The student will also gather feedback from students, recent graduates, and new epidemiologists to help ensure the BECKY resource hub is practical, relevant and responsive to workforce needs.

BECKY Resource Hub: Connecting Epidemiology Students and New Epi Professionals to Tools for Success (Continued)

-  **Project Deliverable 1:** Mentorship & Workforce Resource Crosswalk: Develop a crosswalk of existing epidemiology mentorship, training, career development, and workforce resources, including CSTE and other national, state and public health programs. Identify common resources, promising approaches and potential gaps that could inform the BECKY resource hub.
-  **Project Deliverable 2:** BECKY Resource Hub & Resource List: Develop and organize a practical resource hub or resource list for epidemiology students and new epidemiologists. Resources may include training opportunities, career development tools, mentorship resources, professional organizations, onboarding resources and other tools to support the transition from student to public health practitioner.
-  **Project Deliverable 3:** User Feedback & Recommendations: Develop a brief feedback survey or other tool to gather input from epidemiology students, recent graduates, and/or new epidemiologists on the usefulness, accessibility and gaps in the resource hub. Summarize the feedback and provide recommendations for future updates and expansion of the BECKY resource hub.
-  To apply for the [BECKY Resource Hub](#) project, use this application link.

Measles Vaccination Uptake in Kentucky

- 🛡️ **Open to:** Masters
- 🛡️ **Supervisor:** Kathleen Winter, PhD, MPH, State Epidemiologist/Director, Emily Anderson, BSN, RN, TB Program Controller/Manager, Vaneet Arora, MD, Division of Laboratory Services Director.
- 🛡️ **Desired Skills:** GIS, R or SAS, descriptive statistics and advanced statistics.
- 🛡️ **Setting:** Virtual
- 🛡️ **Number of Hours Per Week:** 20
- 🛡️ **Project Description:** Evaluate MMR vaccine uptake in Kentucky before and during the 2026 measles outbreak (ongoing).
- 🛡️ **Project Deliverable 1:** Descriptive analysis of MMR vaccine update across 120 counties.
- 🛡️ **Project Deliverable 2:** Time series of MMR uptake in response to public health messaging.
- 🛡️ **Project Deliverable 3:** Change in Measles vaccine coverage in response to outbreak.
- 🛡️ To apply for the [Measles Vaccination Uptake in Kentucky](#) project, use this application link.

Using Whole Genome Sequencing to Evaluate Changing Epidemiology of Tuberculosis in Kentucky

- 🛡️ **Open to:** Masters
- 🛡️ **Supervisor:** Kathleen Winter, PhD, MPH, State Epidemiologist/Director, Emily Anderson, BSN, RN, TB Program Controller/Manager, Vaneet Arora, MD, Division of Laboratory Services Director.
- 🛡️ **Desired Skills:** Excel, GIS, descriptive statistics and advanced statistics.
- 🛡️ **Setting:** Virtual
- 🛡️ **Number of Hours Per Week:** 20
- 🛡️ **Project Description:** Through Whole Genome Sequencing (WGS), the KY Tuberculosis (TB) Program has identified several TB cases living in similar residential substance-use centers in one particular local jurisdiction. We are currently developing a response plan with the CDC/Div. of TB Elimination. This project will expand upon current TB data to include additional congregate settings in KY.
- 🛡️ **Project Deliverable 1:** Descriptive summary of current use of WGS in KY for TB.
- 🛡️ **Project Deliverable 2:** Descriptive analysis of WGS data for TB in KY.
- 🛡️ **Project Deliverable 3:** Report describing WGS data for TB in KY.
- 🛡️ To apply for the [Using Whole Genome Sequencing](#) project, use this application link.

Respiratory Syncytial Virus (RSV) Immunizations in Kentucky

- 🛡️ **Open to:** Masters
- 🛡️ **Supervisor:** Kathleen Winter, PhD, MPH, State Epidemiologist/Director, Carolyn Adam, MPH, Respiratory Virus Surveillance Lead
- 🛡️ **Desired Skills:** SAS, R, Excel, data linkage, descriptive statistics, advanced statistics.
- 🛡️ **Setting:** Virtual, Hybrid
- 🛡️ **Number of Hours Per Week:** 20
- 🛡️ **Project Description:** Cohort study of mother-infant dyads in Kentucky born 2004-2025, linking birth certificate, KYIR, and laboratory reporting data. Characterize RSV immunizations during pregnancy (mothers) and after birth (infants). Identify gaps in immunization coverage. Assess effectiveness of prenatal and neonatal immunizations in preventing infections in infancy.
- 🛡️ **Project Deliverable 1:** Create combined data set.
- 🛡️ **Project Deliverable 2:** Descriptive analysis of RSV immunizations among pregnant women and neonates.
- 🛡️ **Project Deliverable 3:** Report describing RSV immunizations in Kentucky and identified gaps in coverage.
- 🛡️ To apply for the [RSV Immunizations in Kentucky](#) project, use this application link.

West Nile Virus Transmission Dynamics

- 🏆 **Open to:** Bachelors and Masters
- 🏆 **Supervisor:** Maria C. Carrasquilla, PhD, State Public Health Entomologist
- 🏆 **Desired Skills:** Word, Excel, Geographic Information Systems (GIS) and analytical skills (advanced Statistics: R programming or experience with a statistical program).
- 🏆 **Setting:** Hybrid
- 🏆 **Number of Hours Per Week:** 15-20
- 🏆 **Project Description:** This internship will focus on understanding West Nile virus transmission dynamics in Kentucky. The intern will conduct geographic analysis of sites where West Nile virus mosquito vectors have been collected and will examine mosquito abundance in relation to weather variables. Additionally, the intern will contribute to the evaluation of historical West Nile virus cases in relation to weather variables and will create educational resources for West Nile virus prevention.
- 🏆 **Project Deliverable 1:** Conduct geographic analysis of mosquito abundance and present the findings in a report.
- 🏆 **Project Deliverable 2:** Perform statistical analysis of mosquito abundance in relation to weather variables and of historical West Nile virus cases and weather variables and present the findings in a report.
- 🏆 **Project Deliverable 3:** Create educational materials on West Nile virus.
- 🏆 To apply for the [West Nile Virus Transmission Dynamics](#) project, use this application link.

Division of Prevention and Quality Improvement

Lung Cancer Screening Program (LCSP) Operations and Data

-  **Branch:** Chronic Disease Prevention Branch
-  **Open to:** Bachelors, Masters
-  **Supervisor:** Nirvana Nawar, MHA, Lung Cancer Screening Program Manager
-  **Desired Skills:** Administrative, database familiarity (data aggregation, clean-up/standardization of data bases, matching), Microsoft Office (Word, Excel, PowerPoint, Outlook), Microsoft (SharePoint, Teams), Statistical Software, Google Sheets; REDCap (as applicable); Tableau (Preferred) basic mapping.
-  **Setting:** Virtual, Hybrid
-  **Project Description:** The Kentucky Lung Cancer Screening Program (LCSP) seeks an intern to support operations and data activities that advance equitable, high-quality lung cancer screening statewide. The intern will collaborate with the program's epidemiologist on the new LCSP data system, assist with data collection; clean and compile partner/program data (e.g., screening volumes, referrals, outreach); and produce clear visualizations (graphs, charts, simple maps).
-  **Project Deliverable 1:** Data System Support: Work with the Epidemiologist II on the new LCSP data system; perform basic data-quality checks.
-  **Project Deliverable 2:** Data Collection and Management: Assist in data collection (REDCap forms, outreach/event tracking).
-  **Project Deliverable 3:** Analytics and Reporting: Review and clean existing LCSP datasets; identify trends, inequities, outliers and draft concise recommendations.
-  To apply for the [Lung Cancer Screening Program](#) project, use this application link.

Division of Public Health Protection & Safety

From Dirt to Data: Environmental Health Internship

- 🛡️ **Open to:** Bachelors and Masters
- 🛡️ **Supervisor:** Food Branch Manager, Public Safety Branch Manager and Environmental Health Branch Manager
- 🛡️ **Desired Skills:** REQUIRED: Microsoft 365 (Word, PowerPoint, Outlook) RECOMMENDED: Microsoft Excel, Administration, Legislative and Policy Related Experience, Community-Based Experience, Communications, Sampling Methodology, Epidemiologic, Literature Review/Search, Descriptive Statistics, Evaluation Methodologies.
- 🛡️ **Setting:** Hybrid
- 🛡️ **Number of Hours Per Week:** 15-20
- 🛡️ **Project Description:** The Division of Public Health Protection and Safety (PHPS) seeks an intern for the From Dirt to Data: Environmental Health Internship. Each intern will complete four (4) different rotations with our environmental health programs which include; Retail Food, On-site Sewage, Public Facilities, and Public Safety. Within each rotation, interns will be participating in programs conducted by PHPS and with a Local Health Department up to 60 miles from the student's home location. This internship experience is ideal for a student who is interested in learning about real-world environmental health issues while developing skills in investigation, communication, problem-solving and community engagement.

From Dirt to Data: Environmental Health Internship (Continued)

-  **Project Deliverable 1:** Intern will complete appropriate environmental training, classroom material and in-the-field training.
-  **Project Deliverable 2:** Intern will shadow/observe PHPS field staff and/or Local Health Department staff throughout each program rotation.
-  **Project Deliverable 3:** Intern will learn how to utilize the environmental data system and will assist in data entry.
-  **Project Deliverable 4:** Intern may sit for the Registered Environmental Health Specialists (REHS) examination towards the end of the internship and will need to meet the qualifications of the REHS program.
-  To apply for the [From Dirt to Data](#) project, use this application link.

Environmental Health Outbreak Investigation

- 🛡️ **Open to:** Bachelors, Masters
- 🛡️ **Supervisor:** Margaret Riggs, PhD, MPH, MS, Disease Investigation Unit Lead
- 🛡️ **Desired Skills:** Microsoft 365 (Word, Excel, PowerPoint and Teams), communication; written reports, research methodology; literature review/search, epidemiology database familiarity, data cleaning, aggregation and analytic skills; descriptive statistics.
- 🛡️ **Setting:** Virtual
- 🛡️ **Number of Hours Per Week:** 5
- 🛡️ **Project Description:** Seeking an intern to assist the Disease Investigation Unit with complex public health investigations of diseases or conditions (foodborne, waterborne, vector-borne, zoonotic). This project will allow the intern to gain skills in data collection, data analysis, developing training materials and assisting with policy development to improve outbreak response and prevention efforts.

Environmental Health Outbreak Investigation (Continued)

-  **Project Deliverable 1:** Student will assist with aggregation of data and documentation for exposure investigations.
-  **Project Deliverable 2:** Student will assist with developing policy information and informing partners of environmental risks to assist with proposing new regulations for prevention of waterborne outbreaks.
-  **Project Deliverable 3:** Student will participate in partner meetings and investigation discussions to assist with developing reports of the response efforts.
-  To apply for the [Environmental Health Outbreak Investigation](#) project, use this application link.

Tri State Summit Planning

- 🛡️ **Open to:** Associates, Bachelors, Masters
- 🛡️ **Supervisor:** Sandra Darling, Strategic National Stockpile/City Readiness Initiative (CRI) Coordinator
- 🛡️ **Desired Skills:** Proficiency with Microsoft Office, including Word, Excel and PowerPoint Organization and attention to detail Professional email and interpersonal communication skills. Ability to work independently and as part of a team.
- 🛡️ **Setting:** Hybrid
- 🛡️ **Number of Hours Per Week:** 20
- 🛡️ **Project Description:** Assisting with planning a Tri-State Summit for the Cities Readiness Initiative (CRI) program for June 2027, we are in the discussion phase. Other preparedness tasks as assigned.
- 🛡️ **Project Deliverable 1:** Tri State Planning Workplan
- 🛡️ **Project Deliverable 2:** Participant Engagement
- 🛡️ **Project Deliverable 3:** Event Development
- 🛡️ **Project Deliverable 4:** Summit Execution
- 🛡️ **Project Deliverable 5:** Post-summit Evaluation
- 🛡️ To apply for the [Tri-State Summit Planning](#) project, use this application link.

Workforce Section Training Project

- 🛡️ **Open to:** Bachelors, Masters
- 🛡️ **Supervisor:** Deena Bell, MPA, Workforce Education Section Supervisor
- 🛡️ **Desired Skills:** Microsoft Word, PowerPoint, Outlook, Excel
- 🛡️ **Setting:** Hybrid
- 🛡️ **Number of Hours Per Week:** 10
- 🛡️ **Project Description:** The Workforce Education Section is seeing an intern to work with the Section at the Kentucky Department for Public Health in the Division of Public Health Protection and Safety. This is an excellent opportunity to gain workforce development experience in public health. The intern will be trained to develop resources to communicate about professional development opportunities and the outcomes from them. Additional job roles will include performing data collection and data entry. Interns may assist with planning and coordinating training sessions for the current workforce.
- 🛡️ **Project Deliverable 1:** Develop resources to inform employees about upcoming training sessions.
- 🛡️ **Project Deliverable 2:** Develop resources to communicate training outcomes.
- 🛡️ **Project Deliverable 3:** Assist with data collection and data entry into Microsoft Excel.
- 🛡️ To apply for the [Workforce Section Training Project](#), use this application link.

Overdose Prevention Communications & Engagement Initiative

- 🛡️ **Open to:** Masters
- 🛡️ **Supervisor:** Amy Baker, Harm Reduction Health Educator
- 🛡️ **Desired Skills:** Communication, professional writing and editing, knowledge of person-centered, non-stigmatizing language, content development and information organization, graphic design via Canva, digital media and presentation development, Microsoft Office and presentation software proficiency.
- 🛡️ **Setting:** Hybrid
- 🛡️ **Number of Hours Per Week:** 15
- 🛡️ **Project Description:** Develop standardized communications and engagement resources to support Overdose Awareness Day and the Kentucky Overdose Prevention Summit, including approved messaging, key data points, event information, logistics, and participation resources.
- 🛡️ **Project Deliverable 1:** Overdose Awareness Day Press
- 🛡️ **Project Deliverable 2:** Kentucky Overdose Prevention Summit Attendee, Exhibitor, and Speaker Packets
- 🛡️ **Project Deliverable 3:** Kentucky Overdose Prevention Summit Digital Art Project
- 🛡️ To apply for the [Overdose Prevention Communications](#) project, use this application link.

Division of Women's Health

Grant Allocation Predictive Modeling and Forecasting Tool Development

- 🛡️ **Open to:** Bachelors, Masters, Doctorate
- 🛡️ **Supervisor:** Gina Brien, MA, Assistant Director
- 🛡️ **Desired Skills:** Ability to work independently, detail-oriented, computer skills (Advanced Excel skills, Word, PowerPoint, Outlook, MS Teams) and database familiarity (data entry, data aggregation, data scrubbing).
- 🛡️ **Setting:** Hybrid
- 🛡️ **Number of Hours Per Week:** 12
- 🛡️ **Project Description:** The Kentucky Women's Cancer Screening Program is seeking one detail-oriented and analytical student intern to design, build and validate an advanced forecasting tool in Microsoft Excel. The primary objective is to create a dynamic, user-friendly model that ingests multi-year historical grant allocation data to predict upcoming fiscal year funding.
- 🛡️ **Project Deliverable 1:** Provide historical data architecture and normalization template.
- 🛡️ **Project Deliverable 2:** Development of a predictive forecasting and modeling engine.
- 🛡️ **Project Deliverable 3:** Development of an intuitive UI dashboard and operational documentation.
- 🛡️ To apply for the [Grant Allocation Predictive Modeling](#) project, use this application link.

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<https://www.chfs.ky.gov/agencies/dph/Pages/sip.aspx>

