**Position: Epidemiologist IV - Public Health/Prevention Services**  
**Job Number:** 00124300  
**Job Posting:** Mar 4, 2020, 12:12:07 PM  
**Closing Date:** Mar 18, 2020, 11:59:00 PM  
**Full-time Shift Start Time:** 8:30 A.M.  
**Shift End Time:** 4:30 P.M.  
**Collective Bargaining Unit:** AFSCME Health and Hospital Systems  
**Posting Salary:** $31.838  
**Organization:** Health and Hospital Systems

**LOCATION:**  
Department of Public Health – Public Health/Prevention Services  
Oak Forest Health Center  
15900 S. Cicero Avenue,  
Oak Forest, IL 60452

**POSITION SUMMARY**  
Under the direction of the Director of Epidemiology, independently develops, manages, analyzes and interprets surveillance and population-based data such as vital statistics, healthcare utilization and community health data, including social and structural determinants of health, to assess health status and guide community health planning. Prepares public health, epidemiologic and other technical reports for diverse audiences and purposes. Explores and implements innovative data approaches to advance health equity. Collaborates with CCDPH service units and community partners by providing technical assistance to community-based assessment, planning and evaluation.

**Typical Duties**

- Independently develops, manages, analyzes and interprets surveillance and population-based data such as vital statistics, health registry, healthcare utilization and community health including social and structural determinants of health to assess health status, potential public health impacts and guide community health planning efforts using SAS, Excel, GIS and other statistical software applications.
- Independently conducts demographic analysis and reporting of population data and estimates for communities and regions within suburban Cook County.
- Independently designs and produces public health, epidemiologic and technical reports for various audiences, publication or other purposes.
- Independently prepares and makes oral presentations of epidemiologic analysis to diverse audiences.
- Identifies and applies appropriate epidemiologic, analytical and statistical methods to the study,
identification, measurement and evaluation of population health status and risk factors.

- Explores and implements innovative data approaches to advance health equity.
- Prepares comprehensive analysis and assessment of community health status which may include the epidemiology of maternal and child health, injury and violence, chronic diseases, risk factors and social determinants of health and health inequities.
- Participates principally in the preparation of a comprehensive analysis and assessment of community health status required for the community health assessment and improvement plan for CCDPH jurisdiction.
- Participates and supports the conduct of the state required agency certification process called Illinois Project for Local Assessment of Needs (IPLAN) conducted every five years. Participates and supports the conduct of Agency accreditation by the Public Health Accreditation Board (PHAB) every five years, and other Agency strategic planning activities.
- Prepares updates of population and disease indicators relevant to the community health status assessment. Participates in other Agency strategic planning activities.
- Assembles population parameters from the Census Bureau and other agencies that are relevant to public health practice in CCDPH jurisdiction.
- Conducts geographic analysis of selected health and population parameters as required using GIS or other geospatial software.
- Provides technical assistance to CCDPH staff and service units in epidemiologic methods and data analysis, as well as to community partners in community-based planning efforts.
- Assists CCDPH service units in development of data collection tools; database design, and analysis and interpretation; and program evaluation.
- Assists with the development and monitoring of agency-wide evaluation, performance management and quality improvement activities.
- Responds to data request in a timely manner.
- Performs other duties as required.

**MINIMUM REQUIREMENTS**

- Master’s Degree or higher in public health from an accredited college or university with a concentration in epidemiology, biostatistics, demography, urban planning, health informatics or similar discipline
- Two (2) years of post-graduate work experience in public health, epidemiology, biostatistics, demography, urban planning, health informatics or other types of applied quantitative research
- Prior experience in statistical programming using SAS, R, SPSS or STATA software, as well as Microsoft Word and Excel
- Position requires moderate to heavy travel for which the employee must possess a valid driver’s license and insured vehicle or otherwise provide an acceptable and reliable means of transportation
• Must participate in assigned trainings, including on-line training in the National Incident Management System (NIMS) offered through the Federal Emergency Management Agency to obtain the following certifications:
  o Within 6 months of employment: ICS 100, ICS 200, ICS 700, and ICS 800

Preferred Qualifications

• Experience in technical or grant writing
• Experience in project management
• Intermediate to advanced experience in statistical programming using SAS
• Experience with collecting, aggregating, analyzing and storing large data sets
• Experience using Geographic Information Systems (e.g. esri ArcGIS)

Knowledge, Skills, Abilities and Other Characteristics

• Knowledge and ability to independently use analytical epidemiologic and statistical methods for data analysis, planning and problem solving.
• Proficiency in the use of electronic databases and statistical software. Competence in the various computer programs used for epidemiological analysis.
• Superior written and verbal communication skills including technical or grant writing.
• General, and in some cases specific, understanding of program processes and methods for prevention, intervention, and control of diseases of public health importance.
• Familiarity with theory and practice of social epidemiology.
• Must have solid experience with SAS, Excel and other statistical software applications. Ability to translate technical language and concepts for non-technical staff and the public.
• Superior written and verbal communication skills including technical or grant writing. Project/time management skills.

VETERAN PREFERENCE

PLEASE READ
When applying for employment with the Cook County Health & Hospitals System, preference is given to honorably discharged Veterans who have served in the Armed Forces of the United States for not less than 6 months of continuous service.

To take advantage of this preference a Veteran must:

· Meet the minimum qualifications for the position.

· Identify self as a Veteran on the employment application by answering yes to the question by answering yes to the question, “Are you a Military Veteran?”

· Attach a copy of their DD 214, DD 215 or NGB 22 (Notice of Separation at time of application filing. Please note: If you have multiple DD214s, 215s, or NGB 22s, Please submit the one with the latest date. Coast Guard must submit a certified copy of the military separation from either the Department of Transportation (Before 9/11) or the Department of Homeland Security (After 9/11). Discharge papers must list and Honorable Discharge Status. Discharge papers not listing an Honorable Discharge Status are not acceptable

OR

A copy of a valid State ID Card or Driver’s License which identifies the holder of the ID as a Veteran, may also be attached to the application at time of filing.

If items are not attached, you will not be eligible for Veteran Preference

VETERANS MUST PROVIDE ORIGINAL APPLICABLE DISCHARGE PAPERS OR APPLICABLE STATE ID CARD OR DRIVER’S LICENSE AT TIME OF INTERVIEW.

BENEFITS PACKAGE

· Medical, Dental, and Vision Coverage
· Basic Term Life Insurance
· Pension Plan
· Deferred Compensation Program
· Paid Holidays, Vacation, and Sick Time
· You may also qualify for the Public Service Loan Forgiveness Program (PSLF)

For further information on our excellent benefits package, please click on the following link: http://www.cookcountyrisk.com/

MUST MEET ALL REQUIRED QUALIFICATIONS AT TIME OF APPLICATION FILING.
*Degrees awarded outside of the United States with the exception of those awarded in one of the United States’ territories and Canada must be credentialed by an approved U.S. credential evaluation service belonging to the National Association of Credential Evaluation Services (NACES) or the Association of International Credential Evaluators (AICE). Original credentialing documents must be presented at time of interview.

*Please note all offers of Employment are contingent upon the following conditions: satisfactory professional & employment references, healthcare and criminal background checks, appropriate licensure/certifications and the successful completion of a physical and pre-employment drug screen.

*CCHHS is strictly prohibited from conditioning, basing or knowingly prejudicing or affecting any term or aspect of County employment or hiring upon or because of any political reason or factor.

COOK COUNTY HEALTH & HOSPITALS SYSTEM IS AN EQUAL OPPORTUNITY EMPLOYER