

GRANT ANALYSIS FORM OPERATING & CAPITAL GRANT PROJECTS/PROGRAMS

Department/Division: Health Department-LaboratoryContact Person & Phone No: Dr. Sanjib Bhattacharyya, ext. 5702

Category of Request

 New Grant Grant Continuation

Previous Council File No. _____

 Change in Previously Approved Grant

Previous Council File No. _____

Project/Program Title: SHARP Strengthening HAI/AR Program Capacity (Project 2:Group A Activity 8)Grantor Agency: Centers for Disease Control and Prevention (CDC) via Wisconsin Department of Health Services (DHS)Grant Application Date: January 10, 2022Anticipated Award Date: July 1, 2022

1. Description of Grant Project/Program (Include Target Locations and Populations):

This funding opportunity includes strategies to establish laboratory capacity for *N. gonorrhoeae* AST (GC-AST) to monitor cases of concern (e.g., suspected treatment failures), reduced susceptibility and to expand capacity to capture emerging resistance. This will be accomplished by implementing CLIA compliant procedures to recover GC isolates from clinical specimens and conduct Etests in accordance with CDC guidance. This project also includes strategies for providing specimen collection and/or transport materials to submitters and to provide training to submitters for initial GC culture based on the acceptable specimen types using validated SOPs. Additionally, this funding will allow the MHD Laboratory to enroll in the semi-annual Proficiency Test program provided by the Wisconsin State Lab of Hygiene. Lastly, if concerning GC resistance is identified, funding will allow the MHD Laboratory to conduct whole genome sequencing to aid in genomic epidemiologic investigations and/or to send GC isolates to the CDC or regional Antibiotic Resistance Laboratory.

The MHD Laboratory will serve as a subgrantee to the Wisconsin Department of Health Services (DHS) (primary grant recipient) and work in conjunction with DHS in order to fulfill this grant deliverables.

2. Relationship to City-Wide Strategic Goals and Departmental Objectives:

This grant directly relates to the MHD departmental strategic goal of increasing public health preparedness by establishing laboratory capacity for the testing and surveillance of *N. gonorrhoeae* and supporting the rapid detection of antibiotic resistant strains of *N. gonorrhoeae*. This grant also supports the MHD Laboratory's ongoing efforts to maintain qualifications to test for *N. gonorrhoeae* antimicrobial resistance, and demonstrate ongoing proficiency of testing capabilities.

3. Need for Grant Funds and Impact on Other Departmental Operations (Applies only to Programs):

This grant funds and related activities will positively impact laboratory related operations at the MHD STI program, and are needed to support the laboratory's ongoing efforts to improve surveillance of antibiotic resistance *N. gonorrhoeae* in the community. As a funding recipient, the MHD Laboratory will be expected to support existing laboratory staff and procure supplies critical to fulfilling the aims of the grant.

4. Results Measurement/Progress Report (Applies only to Programs):

The MHD Laboratory will be required to send Etest results back to submitters with a turn-around-time of 7 to 10 days. The MHD Laboratory will also be required to submit GC-AST alert data to DHS within 48 hours, and submit summary data to DHS quarterly. Additionally the MHD Laboratory will also be required to submit monthly fiscal reports and annual progress reports to the CDC's STI Prevention branch.

5. Grant Period, Timetable and Program Phase-Out Plan:

The time period for this grant is July 1, 2022 – July 31, 2024

6. Provide a list of Subgrantees:

N/A

7. If Possible, complete Grant Budget Form and attach to back.

Grant budget form is attached.