

Antimicrobial Stewardship Track

Leadership:

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Goals and Objectives:

1. To gain an in-depth understanding of day-to-day antimicrobial stewardship activities and responsibilities
2. To be an active participant in antimicrobial stewardship activities
3. To gain an understanding of principles that guide development and prioritization of antimicrobial stewardship initiatives, as well as skills required to engage multidisciplinary teams and hospital leadership
4. To engage in quality improvement work pertaining to antimicrobial use/stewardship

Core Requirements to Obtain Track Certificate:

- Curricular activities:
 - IDSA Core Antimicrobial Stewardship Curriculum (required for all ID fellows at DHMC)
 - IDSA Advanced Antimicrobial Stewardship Curriculum
- Practice activities:
 - Participate in Antimicrobial Stewardship Committee meetings (third Wednesday of every month from 2-3 PM; attend when not on service)
 - Participate in the Antimicrobial Formulary Panel meetings (first Monday of every other [even] month from 11:30 AM-12:30 PM; attend when not on service)
 - 1 week of dedicated time towards daily antimicrobial stewardship activities, including prospective audit with feedback and restricted antimicrobial approval
- Scholarly activities:
 - Engage in quality improvement or research project related to antimicrobial stewardship

Supplemental Experiences:

- Participate in weekly antimicrobial stewardship team staff meetings
- Participate in update of an existing guideline
- Prepare topic presentation(s) at Antimicrobial Stewardship Committee and/or ID Case Conference
 - Topics may include review of novel antimicrobials, management of certain infection syndromes, conference/guideline updates
- Participate as antimicrobial stewardship representative in another hospital-wide committee, such as *C. difficile* committee or sepsis committee
- Additional 1-2 weeks dedicated towards daily antimicrobial stewardship activities, as able based on fellow/attending/pharmacy schedules
- Highly recommended for those pursuing a career that includes an Antimicrobial Stewardship role: SHEA Antimicrobial Stewardship Training course (conducted annually at spring conference; certificate awarded on completion)

MPH and QI Education Options

- Fellows have the opportunity to pursue a funded Masters in Public Health (MPH) and board-certification in Preventive Medicine through the Leadership and Preventive Medicine Residency

(LPMR). This program requires fellows to train at DHMC for 3 years. LPMR runs concurrently with ID fellowship during the second and third year. This program provides extensive training in public health, epidemiology and biostatistics through the MPH, as well as quality improvement. There is an application process for this program, for which ID fellows usually are accepted.

- For fellows who do not wish to pursue the LPMR program, the Greenbelt Certification Program is available for rigorous, internationally-recognized QI training for free to DHMC trainees through the Value Institute. This program requires application and is available on specific dates each year, requiring pre-planning.

Enrichment Experience in Antimicrobial Stewardship

Fellows who wish to pursue an enrichment experience in this focus area, but not join the full track, may work with the fellowship program leadership and Dr. Wang to choose appropriate activities from those described above to support their education based on individual needs, but will not earn the track certificate, for which completion of all Core Activities is required.