

## **Determinants of Health (DOH) – FOM1**

**FM-110** 30 course hours

Updated June 2019

The Determinants of Health course lays the foundation for students to consider the ways in which the external environment affects and influences human beings' health. Implemented across both semesters of FOM1, DOH uses didactic, classroom based presentations and small group discussion. Through the Epidemiology and Biostatistics segment, students work in an interprofessional setting with colleagues from our Graduate School of Nursing to study fundamentals and learn to assess the medical literature. Student and DOH course leaders build on this foundation to work actively with faculty from other courses to integrate DOH concepts into courses throughout the curriculum.

After the completion of the DOH-1 course, the MS1 will be able to:

- Describe the various determinants of health, including the many complex and interrelated factors associated with the health of individuals and populations (Physician as a Scientist, Professional, and Clinical Problem Solver)
- Explain the relationships among community, cultures, the medical care systems, and the health of individuals and populations (Physician as an Advocate)
- Explain how bias, stereotype, and racism affect health at multiple levels, including that of the care giver (Physician as Professional)
- Apply biostatistical and epidemiological principles in: (1) clinical diagnosis and treatment; (2) population health; and (3) evaluating outcomes of health care services (Physician as a Scientist and Clinical Problem Solver)
- Evaluate the performance of screening and diagnostic tests, and critically assess published studies that report on such tests (Physician as a Scientist)

The course uses narrative feedback on first year students' reflective essays as well as formative and summative assessments of epidemiology and biostatistics problem sets and exams.

### **Course co-leaders**

Suzanne Cashman, DSc, MS

Susan Hogan, MD