Overview

The Section of Population Health within the University of Washington Department of Emergency Medicine will launch a robust, population health curriculum to prepare our residents for future careers and academic focus in population health and care of the underserved. Through the use of milestones, structured curriculum and tailored clinical electives, residents will complete training culminating in an earned Certificate of Pathway completion at graduation. The Population Health pathway will have three focused tracks with individualized curricula tailored to each resident’s interests within Population Health.

- **Global Health Track**: Residents in this track focus on global health including global practice of emergency medicine and humanitarian emergencies, with tailored education and a global clinical experience
- **Rural Health Track**: Residents in this track focus on Rural Emergency Medicine practice, and may choose to practice during an elective at a rural site and site within the Indian Health Services
- **Community Health Track**: Residents in this track may focus on care of urban, underserved and vulnerable populations locally, with special focus on injury prevention, advocacy, opioid use disorder and addiction medicine

Goals and Objectives

For all pathway residents, a core set of objectives will be achieved through focused education, elective experiences, journal clubs, didactic curriculum during core residency conference, grand rounds speakers and joined external curriculum for the Global EM and Rural Health Fellowship.

1. To understand the health related impact of poverty on underserved populations locally, regionally and globally
2. To identify, understand and be able to speak articulately about social determinants of health
3. To understand the challenges of the practice of emergency medicine in resource limited settings in urban underserved settings, rural settings, within the Indian Health Services/native populations, and internationally
4. To develop clinical skills relevant to the practice of emergency medicine in resource-limited settings and understand how resource constraints affect health care delivery
5. To introduce the concept of an emergency physician’s role in advocating for underserved patients and shaping health policy at the local levels
6. To gain exposure to social medicine movements at the national level within governing bodies of emergency medicine and academic medicine

7. Complete an educational course related to an aspect of Population Health and the resident’s interest (Eg. Implementation Science, online Refugee Health, Coursework within the School of Public Health)

8. Complete either a global or rural clinical experience, or a longitudinal elective in the resident’s area of focus within Population Health

Requirements

Elective: Away or Longitudinal

- Global Health Elective: This may be in an established host site internationally eg. GEC in Uganda, Mirebalais/Partners In Health Haiti, or at a site of interest/prior work for the specific resident
- Rural Health Elective Opportunities. We have sites at Friday Harbor WA and Sun Valley ID. An Indian Health Services month long elective may be added after completing an elective at Friday Harbor or Sun Valley.
- Longitudinal Elective: This takes the form of 1 or 2 days per month for 18 months, and may involve working in a local refugee clinic, injury prevention center, at a local Indian Health Services clinic or other clinic for urban underserved populations, or an elective in Addiction Medicine. This is tailored to fit the interest of the resident, together with the educational goals of the residency.

Education: Coursework dedicated to strengthening residency curriculum in Population Health will be a required component of the pathway

1. For Global Health Track: GH575 is a month long survey course offering an overview of global health for resident physicians. If an MPH is already held by a GH Track candidate, other course offerings may be considered including the Implementation Science or Humanitarian Emergencies courses offered annually within the DGH.
2. For Rural Health Track: Education components will be fulfilled by journal clubs, a reading list, and online educational opportunities
3. For Community Health Track: Individual coursework will be complemented by the monthly Social Emergency Medicine West Coast regional didactic curriculum, as well as the ACEP Social EM Section educational offerings.

Research and Educational Presentation

All pathway residents will conduct either a formal research study related to their areas of focus, or an educational curriculum/delivery. Residents on the pathway are encouraged to submit proposals for presentations at national conferences and will present to our residents and faculty during end of the year conferences.
Evaluation and Mentorship

Residents will be evaluated based on Population Health Milestones (to be developed 2019) and meet quarterly with the Director of Education for the Population Health Section and with their mentors as their projects and educational pathway takes shape.

Milestones and timeline

PGY 1-2
Establish interest in areas of Population Health and meet with potential mentors

PGY 2 Mid Year
Meet with Director of Education for Population Health, and residency leadership, as well as Rural Health Track Director and apply for pathway. Establish individualized curriculum and long term goals for away or longitudinal elective. Choose when away electives will be by mid-year.

PGY 3/4
Complete away elective in global or rural health, initiate longitudinal elective.
Join curriculum for Population Health Fellows and Residents, Regional Social EM and ACEP Social EM curriculum.
Attend focused journal clubs on social EM topics.
Initiate Research or Educational Project related to area of Interest