

Chronic Disease

Assignment Description:

We are prepared to provide full support to the Fellow to make the two-year assignment productive and fruitful. The Fellow can count on being able to take a leadership and independent role in developing study design to address risk factors and the burden of chronic disease while having access to both primary and secondary mentors for guidance and technical support. The Fellow will also be a valued member of our epidemiology team and be able to provide technical assistance across many program areas, including diabetes, obesity, cardiovascular disease, cancer, arthritis, and tobacco.

Day-to-Day Activities:

The Fellow will have regular contact with both the primary and secondary mentors and will be integrated into the day-to-day activities of the Office of Epidemiology. In addition, the Fellow will be given the opportunity to work on separate projects as his/her experience and expertise continue to broaden.

Potential Projects:

The Fellow will be offered an array of possible areas of specialized focus under the guidance of Dr Coleman and Mr. Tsai. Selection of projects can be tailored to the Fellow's interests. Some examples include:

- Provide analyses of chronic disease morbidity and mortality data and risk factor data and write technical summaries of disease trends and disparities
- Analyze existing data on tobacco, obesity, diabetes, heart disease, and risk factors to enable program evaluation, identify subpopulations to target outreach activities, and design innovative intervention strategies.
- Analyze existing data on BMI of students in the Clark County School District and assist in efforts to expand the number of students routinely measured.
- Prepare Smoking Attributable Morbidity and Mortality Economic Cost (SAMMEC) information on the impact of tobacco on the District's population.
- Develop innovative graphics to display data on any of the program areas.
- Provide epidemiology expert consultation to existing Epidemiology and Chronic Disease Prevention program staff.
- Develop expertise in research involving human subjects, institutional review board (IRB) requirements including supporting IRB training and certification, and the differences between public health practice and research.
- Present to the medical community, policy-makers, and general public.
- Prepare and submit manuscripts to peer-reviewed scientific journals for publication, and present at professional meetings.

Preparedness Role

The Fellow will be trained in the fundamentals of NIMS and the ICS structure. Participation in tabletop and other public health preparedness activities will be encouraged. In the event of an activation for an emergency, the Fellow will be assigned to shadow one of the mentors and/or the Incident Commander, the General Staff, or the Command Staff.

Assignment Location: Las Vegas, NV

Primary Mentor: Thomas Coleman, MS, MS

Director of Community Health
Southern Nevada Health District

Secondary Mentor:

Michael Tsai, MPH
Epidemiologist
Southern Nevada Health District