

## Population Health for Health Professionals Guide to Problem Based Learning Exercises

The problem based learning exercises included in this folder were designed to accompany the Population Health Modules. They provide additional instructional material for use in class or as out-of-class exercises. They have been organized by topic and in some cases may be used with more than one module. Several of the cases have both clinical and generalist scenarios. The table below offers suggestions where each exercise best fits the module content.

<u>Topic</u>	<u>Problem Based Learning Exercises</u>
Lead	Shawn – Clinical and Generalist
Mercury	Melissa
Pollution	Georgetown
Pollution	Farmer in the Dell
Cancer	Friends
Epidemiology	Mal de la Rosa
Healthy Communities	Our Town
Social & Cultural Influences	Our Town

<b>1a</b> Mal de la Rosa	<b>1b</b> Mal de la Rosa	<b>1c</b> Mal de la Rosa
<b>2a</b> Friends	<b>2b</b> Friends	<b>2c</b>
<b>3a</b>	<b>3b</b>	<b>3c</b>
<b>4a</b> Farmer in the Dell Our Town	<b>4b</b> Friends	<b>4c</b> Mal de la Rosa Our Town
<b>5a</b> Farmer in the Dell	<b>5b</b> Farmer in the Dell Shawn Melissa Georgetown Friends Our Town	<b>5c</b>

Module 1	The Perspective of Public Health
1a	The History of Public Health
1b	The Participants in Public Health
1c	Public Health Services and Systems
Module 2	Epidemiology, the Basic Science of Public Health
2a	Key Terms and Measures
2b	Applications
2c	Case Study: Pharyngitis in a Louisiana School
Module 3	Health Promotion and Individual Behavior Change
3a	Health, Health Determinants and Health Promotion
3b	Lifestyle Factors and the Prevention Movement

3c Learning & Models of Behavior Change

Module 4 Building Healthy Communities

4a The Healthy Communities Movement

4b Strategic Planning for Health in the Community

4c Social and Cultural Influences on Health

Module 5 Emerging Issues in Public Health

5a Emerging Infectious Diseases

5b Environmental Impacts on Health

5c The Future of Health and Health Care

### **Author Information**

Laurine T. Charles, MHS

Coordinator of Academic Affairs

College of Health Professions

Medical University of South Carolina

45 Bee Street

P.O. Box 250701

Charleston, SC 29425

(843) 792-4103 (Phone)

(843) 792-4024 (FAX)

[charlelt@musc.edu](mailto:charlelt@musc.edu)

Adapted from Mock, K. (2000). Cancer cluster. In Environmental Health Case Studies. [On-line]. Available: <http://home.sc.rr.com/masverde/>

Funding provided by the South Carolina Sustainable Universities Initiative, Patricia Jerman, Program Manager. Information available at: [pjerman@environ.sc.edu](mailto:pjerman@environ.sc.edu)