NURS 174: Community Health Nursing: Concepts and Practice

Community Photovoice Windshield Survey

Assignment Learning objectives:
1. Identify the determinants of health and illness of individuals and families, using multiple sources of data.
2. Identify variables that measure health and public health conditions.
3. Analyze the social determinants of health of a specific community and their impact on population health.

Assignment meets the following Course Objectives:

2. Examine historical, legal, cultural, political, social, and economic factors that influence individual, community and global health care delivery systems with an emphasis on public health nursing practice.
5. Apply principles of epidemiology and evidence-based public health interventions to address a public health concern.

Instructions:
1. For this assignment, you will work on your own or with another student. You drive, walk, and/or take public transportation to observe in a predefined neighborhood and also take photos of your selected community. If you are taking the clinical component of this course, you should assess the community where you are completing your clinical hours.

    Tip: Look at Google maps and photo views prior to your direct survey.

2. You should observe your neighborhood at least twice. Try to capture different times of the day or different days of the week.

3. You will use a slide deck such as PowerPoint to share your content and Flipgrid to present your slides. You will orally present your slides. Your presentation is limited to 10 minutes. Flipgrid allows you upload a recording or share your screen as you present. See Flipgrid tutorial in Canvas and also be sure watch Professor Anderson's video on tips for this assignment. Watch both videos before you begin.

4. You can record your Flipgrid directly in Canvas or go to the Flipgrid link in Canvas.

5. For each of the social determinants of health analyzed, try to capture a representative photo. Insert the photos as part of your presentation. Next to each photo, write your ideas and analysis; in addition, explain what the photo

means in relationship to the social determinants of health. Be respectful when taking photos. Avoid taking any direct photos of individuals.

6. Based on data gathered from your windshield survey, evaluate and analyze the community.

7. Take notes of your survey using the template below.

8. Complete each section according to the elements listed in the table.

9. Describe and explain at least three **community strengths** and at least three possible **public health concerns.**

10. Describe how a public health nurse may use a windshield survey and community assessment in their practice.

Grading rubric:

Criteria	Percentage	Points
Important elements of community are covered, and write-up is comprehensive and includes implications related to public health	70	10.5
At least 3 community strengths and 3 public health concerns are discussed and reflect survey data	20	3
Clear and concise description of how a public health nurse could use a windshield survey is presented	10	1.5
TOTAL	**100%**	**15**

NURS 174 Community Photovoice Windshield Survey

Use this template to organize your presentation.

Your names:

Community name:

Place (City, Zip code, Neighborhood):
Dates & Methods of Observation for each date (e.g. drove car, took bus, etc.):
Demographics:
Population:
Ethnic make-up:
Age of population:
Income levels:
Employment percentage:
Life expectancy:
County health ranking (list each health indicator):

For each county area, look up zip code maps and neighborhoods. Demographic data is available by county and by zip code.

Health by county reports are available: for example
http://www.dhhs.saccounty.net/PUB/Documents/Disease-Control-Epidemiology/RT-HealthStatusReport2014Final.pdf

View the short video and look up life expectancy:
http://www.rwjf.org/en/library/interactives/whereyouliveaffectshowlongyoulive.html

Data for county health rankings:
http://www.countyhealthrankings.org/

Category-Social Determinants of Health (SDH)	Observations	Public Health Implications
Place: SDH: Housing & Zoning—What is the age of the houses, their architecture, of what materials are they constructed? Are all of the neighborhood houses similar in age and architecture? How would you characterize the differences? Are they detached from or connected to others? Are the houses multiple or single family dwelling structures? Do they have space in front and behind? What is the lot size of the houses? Are there lawns? What is their general condition? Are there signs of disrepair—broken doors, windows, leaks, locks missing? Are businesses interspersed among homes? Are apartments over businesses?	**NOTE: Photos go after EACH section with a brief description and an analysis of how the photos describe the SDH**	
SDH: Open Space- How much open space is there? What is the quality of space—green parks or rubble-filled lots? Do you see trees on the pavement, a green island in the center of the streets? Is the open space public or private? Who is using the open space?		
SDH: Boundaries—What signs are there of where this neighborhood begins and ends? Are the boundaries natural (a river, a different terrain), physical (a highway or railroad track), or economic (real estate differences or presence of industrial, commercial units along with residential)? Describe the boundaries. Does the neighborhood have an identity or name? Do you see it displayed? Are there unofficial names?		

Category-Social Determinants of Health (SDH)	Observations	Public Health Implications
SDH: Commons—What are the neighborhood hangouts? Are there bars, restaurants, community or youth centers, 24-hour drug store, public or private halls—Where are the people congregating? Are there visible facilities for community meetings?		
SDH: Transportation—How do people get in and out of the neighborhood? Car, bike, walk, bus? Are the streets conducive to good transportation and also to community life? Is there a major highway near the neighborhood? Whom does it serve? How frequent is public transportation available? What modes of transportation are available?		
SDH: Businesses—Where do residents shop? How do they travel to shop? What types of businesses are visible? (Small or large, pawnshops, thrift shops, stores, professional businesses; law offices, restaurants, fast-food drive-through)? What kind of grocery stores? Drugstores in the area? Shopping centers? Loud industrial noises? Noxious industrial emissions? Can residents walk to these businesses?		
SDH: Conditions of homes and buildings —Homes in good repair or disrepair? Businesses? Appearance of yards? Street condition? Closed businesses? Vacant homes? Cleanliness? Other types of signs such as neighborhood meeting posters,		

Category-Social Determinants of Health (SDH)	Observations	Public Health Implications
real estate signs, abandoned houses, mixed zoning usage?		
Human Capital		
People: SDH: People on the street— Whom do you see on the streets? What are they doing?		
SDH: Race/Ethnicity—Which racial groups are represented? Ethnic groups visible? Are there indications of ethnicity—food stores, churches, signs in languages other than English? What is the predominant language written or heard?		
SDH: Age—Young? Old? Diverse ages?		
SDH: Density of Population— Many people on streets? Homes close together? Multiple housing units? Loud traffic noises?		
Social and Support Community Services		
Services: SDH: Service centers, daycare, senior centers, schools—Are there social service agencies, care facilities, schools, and recreation centers visible?		
SDH: Parks & Recreation--Are there parks, swimming pools (public and private), tennis courts, ball fields, community centers, youth centers? Where are the children playing?		
SDH: Protective services—Are there fire stations, police stations, ambulance services, food banks, or other types of social support services?		
SDH: Religious centers—Are the churches offering other		

Category-Social Determinants of Health (SDH)	Observations	Public Health Implications
services? Are they open to enter or closed? Many or few? Large or small? What religious/spiritual denominations are represented?		
SDH: Health facilities—Do you see physician offices, clinics, hospitals, dental services? Ancillary services—radiology, pharmacy, laboratory, physical therapy available?		
SDH: Other outstanding features—Do you feel about the community? Is the area quiet or is the community-or portion of it-exposed to loud noises? Are there flowers? Birds? People talking to each other? What are *YOUR* impressions & other observations not noted above?		

Conclusions:

1. Describe three community strengths. Why are these strengths?
2. Describe three possible public health concerns. Why are these concerns?
3. Describe how a PHN may use the windshield survey in his or her practice.