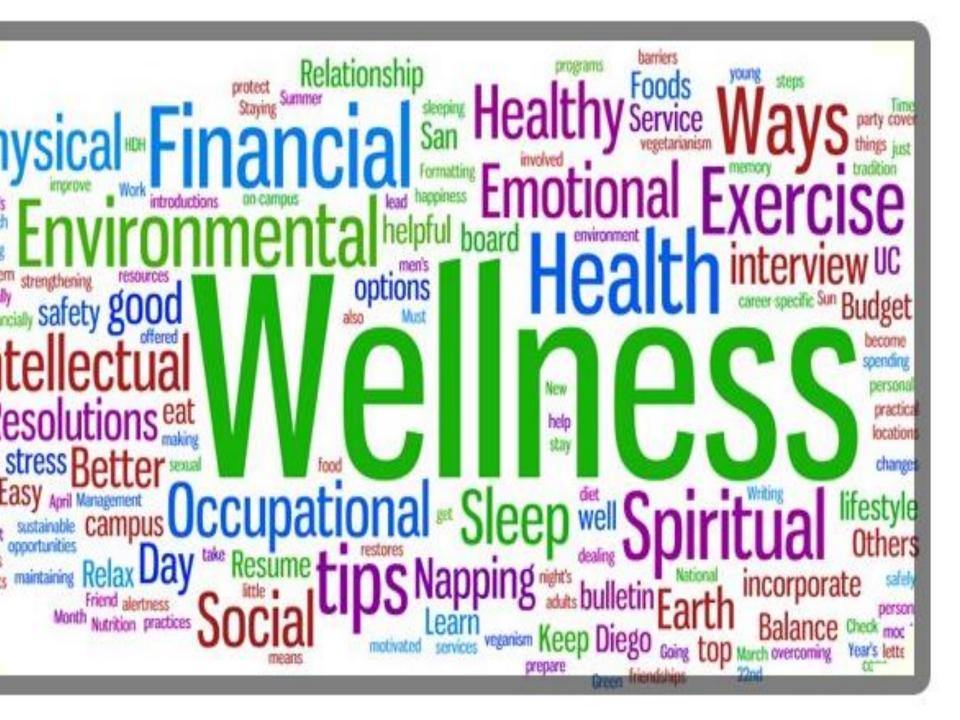
#### What is Wellness? – A Panoramic View

Burnestine Page Taylor, M.D. Assistant State Health Officer July 25, 2017



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Eight Dimensions of Wellness







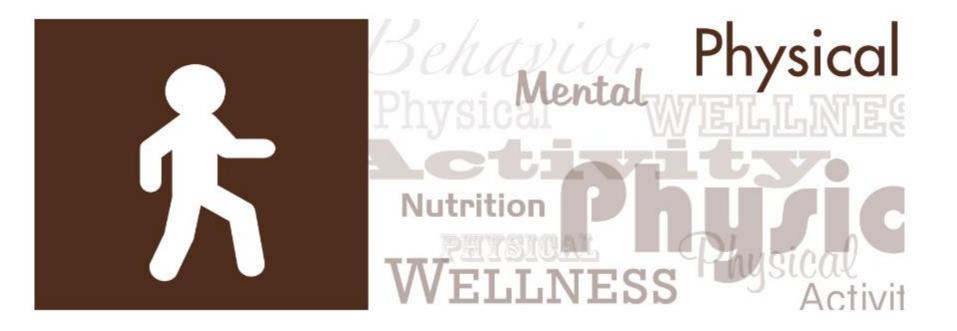
# Academic Intellectual Intellectual CREATIVITY Intellect

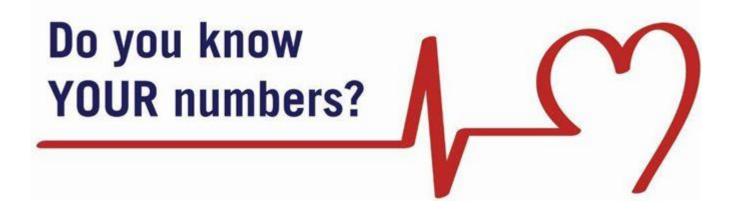












| Serum Index         | Desired Range                        | Significant Risk   |
|---------------------|--------------------------------------|--|
| Lipid Panel         |                                      |  |
| Total Cholesterol   | <200 mg/dL                           | 个 CVD  |
| LDL-Cholesterol     | <100 mg/dL                           | 个 CVD  |
| HDL-Cholesterol     | >40 mg/dL men<br>>50 mg/dL women     | ↓ CVD  |
| Triglycerides       | <u>&lt;</u> 150 mg/dL                | 个 Dyslipidemia, CVD, Glucose<br>Intolerance, and Type 2 DM   |
| Fasting Glucose     | 70-100 mg/dL                         | <ul> <li>126 mg/dL dignostic for DM.</li> <li>110-126 mg/dL impaired<br/>fasting glucose; possible<br/>marker for insulin resistance.</li> </ul> |
| Blood Pressure      | < 120/80 mg Hg                       | 个 CVD  |
| Waist Circumference | < 35 inches women<br>< 40 inches men | 个 Dyslipidemia, CVD, Glucose<br>Intolerance, and Type 2 DM   |
| Body Mass Index     | 18-25                                | 个 Dyslipidemia,<br>Hypertension, DM, Gallstones  |



#### High Cholesterol can lead to:

- Heart disease/heart attack
- Stroke
- Aortic aneurysm
- High blood pressure

#### High blood pressure can lead to:

- Heart disease/heart attack
- Stroke
- Heart failure
- Kidney disease

#### Diabetes can lead to:

- Heart disease
- Stroke
- blindness
- Kidney failure
- Loss of toes, feet, or legs

## Don't smoke or use ANY form of tobacco!



#### Tobacco can lead to:

- Heart disease/heart attacks
- Stoke
- Cancer(s)

lung, bladder, blood (acute myeloid leukemia), rectal, esophagus, kidney and uterine, larynx, oropharynx, pancreas or stomach

• In pregnancy

pre-term delivery, stillborn, low birth weight, SIDS, ectopic pregnancy, orofacial clefts in infants

Sexual

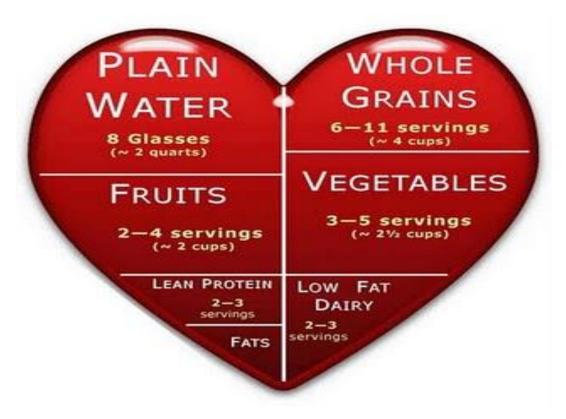
sexual dysfunction in men

Decreased sperm count/infertility

• Women

decreased bone health in women post menopausal

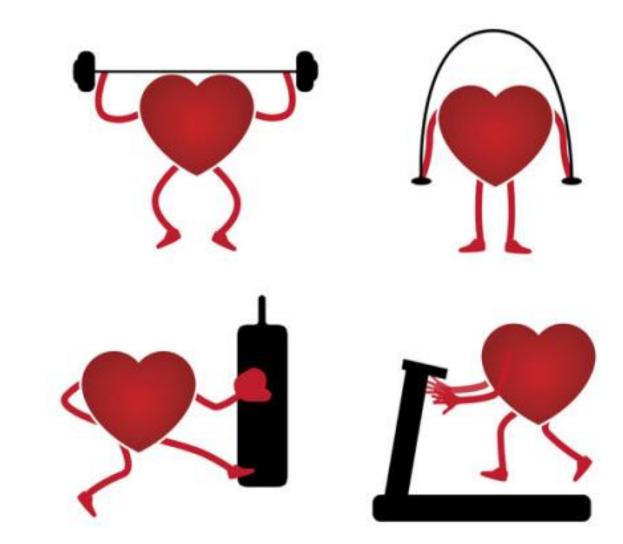
#### Eat a HEART healthy diet !



#### Heart Healthy Diet includes:

- Low saturated fats
- Low trans fats
- Low cholesterol
- Low fat or fat free milk, chees, and yogurt
- High fiber foods
- Fresh vegetable and fruit
- Low salt
- Low sugar

#### **Adequate Exercise**



### Inadequate exercise/activity can lead to:

- Heart disease/heart attack
- Stoke
- Diabetes/type 2
- Obesity
- Depression
- Some cancers

#### **AVOID EXCESS**



### Consequences of drinking too much:

- Reduces inhibitions
- Slurred speech
- Motor impairment
- Confusion
- Memory and concentration problems

#### Alcohol effects on the body:

- Heart disease (cardiomyopathy, arrthymia)
- Stroke
- High blood pressure
- Liver disorder
- Pancreas disorder
- Cancer mouth, esophagus, throat, liver, breast
- Impaired immune system



#### **...ASSESS RISKY BEHAVIOR**

#### Risky behavior can include:

- Not wearing a helmet
- Not wearing a seatbelt
- Fast reckless driving
- Illicit drug use
- I V drug use
- Unprotected sex (in some instances)

#### **GETTING ENOUGH SLEEP?**



#### Sleep insufficiency can lead to:

- Reduces quality of life and productivity
- Increased stress
- Secondary risk(s) from decreased memory/concentration and decreased overall functioning

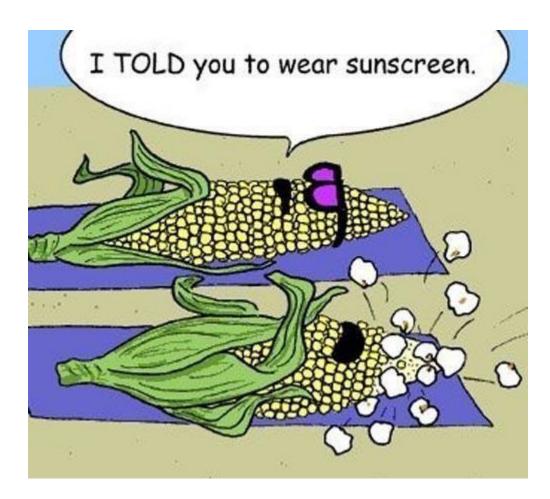
#### Immunization



#### Vaccine preventable diseases:

- Influenza
- Pneumococcal
- Shingles
- Pertussis

### SUN PROTECTION



### Health effects of UV radiation excess:

- Skin cancer
- Premature aging or other skin damage
- Cataracts or eye damage
- Immune system suppression



#### CHOOSE VERNESS WELNESS

#### Resources

- 1. Center for Disease Control and Prevention
- 2. National Health and Nutrition Examination Survey
- 3. National Heart, Lung and Blood Institute
- 4. National Institute of Health
- 5. University of California Davis/Wellness Counseling Service
- 6. Global Wellness Institute