

Biology 381-A & INTR 591x
Public Health & Nutrition
BGC 136, Spring 2002
Thursday 3:15-6:30
Office Hours: Monday 8:30-9:30,
Tuesday 2:00-4:00, Friday 2:00-5:00

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PUBLIC HEALTH & NUTRITION COURSE SYLLABUS

I. OBJECTIVES

By the end of the course, students will:

- A. Be able to identify current global issues in public health and nutrition, with an emphasis on the developing world and the poor in developed nations.
- B. Understand the transmission, causes, and impact of significant diseases in the developing world.
- C. Define possible solutions for major health and nutritional problems.
- D. Understand principles of community health and community health education.
- E. Have experience in literature review for an area of particular interest in public health and nutrition.

II. EXPECTATIONS

- A. Class attendance and participation is expected. Attendance will be taken each session.
- B. Assignments submitted for Public Health and Nutrition are to be developed specifically for this course and may not have been submitted for another course.
- C. Late assignments will receive one grade reduction, e.g. A to A-, B+ to B, etc. Simply write "Late Assignment" under your name on any assignment turned in late. Exceptions to the policy include illness in the Student Health Center, serious illness or death in the family, or other events of an emergency nature requiring that the student be absent from campus. A student is responsible for notifying the instructor in writing when an exception is desired.

III. REQUIREMENTS

A. Reading and Research Report (10 points)

Readings are to be completed prior to the class session for which they are assigned and initial work on the "Communicable Diseases" form should be done. Photocopy form in syllabus or copy it from the syllabus at www.wheaton.edu/missions/Campbell Bio 381-A. Required texts include:

Chin, James (Ed.). (2000). Control of Communicable Diseases Manual (17th ed.). Washington, DC: American Public Health Association.

Fountain, Daniel. (1992). Primary Diagnosis and Treatment. London: MacMillan and MAP International.

One hour per class investigating web sites identified for that session is required as well.

The Reading and Research Report is due in class May 9.

B. Annotated Bibliography (20 points)

Choose an area of personal interest in public health and nutrition. Develop an annotated bibliography of five references from the professional literature (journals, research reports, books) and five additional references from popular literature (newspapers, magazine, brochures) which address this issue. The use of articles obtained via Internet searches is encouraged. The annotations should each be approximately 150 words, clearly and concisely written, typed, consistently formatted. At least five should be no more than four years old. The annotations should have both descriptive (what it covers) and analytic components (its meaning and importance). This assignment is due April 25 in class.

- C. Public Health and Nutrition Issue Paper (30 points)
Write a paper of 1000-1500 words (4-6 pages) on the area of interest for which you did the annotated bibliography. Discuss the nature of the issue, its importance in terms of public health (i.e. the scope of the problem, those affected, the impact on society), and strategies for responding to it. Materials from the annotated bibliography should be incorporated and references must be cited. Pre-nursing students are encouraged to do a nutrition paper. Students enrolled for graduate credit must do a 2000 word paper and meet with the instructor during office hours to discuss your paper. The paper is due May 2 at class time.
- D. Final Examination (34 points) (That's A Fair Question 6 points)
The final examination will consist of multiple choice, matching, and short-answer questions on areas emphasized in class. It will be held during the last regular class period. In class there will be several "That's A Fair Question" exercises (1 point each x 6), giving students opportunity to contribute thoughtful, well written questions to exam content. Exams will be available in the "Campbell Papers" box May 15-24. If you would like your exam mailed to you, provide a self-addressed stamped envelope (68 cents postage).

IV. SCHEDULE

March 21

Topics: Course Overview
Global pandemics: AIDS and Cholera
Biblical Perspectives on Health
Historical Factors in Public Health

March 28

Topics: The Role of Communicable Disease
Malaria, Chin, Contol of Communicable Diseases, pp. 310-323; Fountain, Primary Diagnosis, 3, 11, 29, 284, 300, 319, 327, 393, 410, 416, 474, 476, 532, 537, 651-657, 265, 422, 429, 434, 439, 500, 654 and Web Research
Tuberculosis, Chin, Contol of Communicable Diseases, pp. 521-531; Fountain, Primary Diagnosis, 10, 11, 30, 85, 88, 89, 96, 120, 261, 271, 277, 283, 464, 468, 698-701, 130, 392, 568, 169, 190, 255, 396, 77, 116, 178, 224, 550, 562, 216 and Web Research
Dracunculiasis (Guinea Worm), Chin, Contol of Communicable Diseases, pp. 172-174 and Web Research
Leprosy (Hansen's Disease), Chin, Contol of Communicable Diseases, pp. 289-293; Fountain, Primary Diagnosis, 139-141, 646-649 and Web Research
AIDS, Chin, Contol of Communicable Diseases, pp. 1-9; Fountain, Primary Diagnosis, pp. 592-3 and Web Research
Cholera, Chin, Contol of Communicable Diseases, pp. 100-113 and Web Research

April 4

Topics: Violence as a Public Health Issue
Case Studies of Sierra Leone and Kosovo
Onchocerciasis, Chin, Contol of Communicable Diseases, pp. 363-367 and Web Research
Schistosomiasis, Chin, Contol of Communicable Diseases, pp. 447-450 and Web Research
Rabies, Chin, Contol of Communicable Diseases, pp. 411-419 and Web Research
Lassa Fever, Chin, Contol of Communicable Diseases, pp. 278-281 and Web Research
Tetanus, Chin, Contol of Communicable Diseases, pp. 491-496 and Web Research
Anthrax, Chin, Contol of Communicable Diseases, pp. 20-25 and Web Research
Typhoid, Chin, Contol of Communicable Diseases, pp. 535-541; Fountain, Primary

Diagnosis, 29, 335, 411, 702 and Web Research

April 11

Topics: Community Health in Bolivia, Dr. Steve Hawthorne
Diarrhea and Dehydration, Chin, Contol of Communicable Diseases, pp. 154-165;
Fountain, Primary Diagnosis, pp. 31, 174, 326-329, 330-333, 157, 318-321, 662 and
Web Research
Measles, Chin, Contol of Communicable Diseases, pp. 330-335; Fountain, Primary
Diagnosis, 16, 176, 254, 663-666 and Web Research
Meningitis, Chin, Contol of Communicable Diseases, pp. 338-348, Fountain; Primary
Diagnosis, pp. 16, 29, 35, 78, 169, 265, 271, 410, 416, 422, 434, 438, 564, 666-7, 216
and Web Research
Respiratory Disease, Chin, Contol of Communicable Diseases, pp. 424-430; Fountain,
Primary Diagnosis, 253-291 and Web Research
Trypanosomiasis, Chin, Contol of Communicable Diseases, pp. 514-520, Fountain, 77,
116, 208-9, 216, 417, 438, 468, 551, 696-697 and Web Research
Nutrition: Nutrients and Food Choices, Web Research

April 18

Topics: Community Health in Guatemala, Dr. Axel Suquen
Travel Medicine
Smoking as a Public Health Problem
Nutrition: Nutrients and How the Body Uses Them, Web Research
Health Education

April 25

Topics: Issues in Public Health
Pharmaceuticals
Medicines in the Developing World, Fountain, Primary Diagnosis, pp. 583-587
Nutrition in Developing Countries, Web Research
Maternal/Child Health

May 2

Topics: Issues in Public Health
Pesticides
Nutrition in Developing Countries (Cont.), Web Research
Children at Risk

May 9

Topic: Final Exam
Assignment: Reading Report due

Biology 381-A & INTR 591x
Public Health & Nutrition
BCG 136, Spring 2002

Name _____

CPO # _____

Reading and Research Report
Due May 9 in Class

Date	Reading	No. of Pages	# Read on Time	# Read Late	Web 60 Minutes
March 28	Chin, Web	56	_____	_____	_____
	Fountain	69	_____	_____	
April 4	Chin, Web	40	_____	_____	_____
	Fountain	4	_____	_____	
April 11	Chin, Web	43	_____	_____	_____
	Fountain	88	_____	_____	
April 18	Web				_____
April 25	Fountain, Web	5	_____	_____	_____
May 2	Web				_____
Total:		305	_____	_____	_____

Public Health and Nutrition - Communicable Diseases
Format of James Chin's *Control of Communicable Diseases*

Disease _____ p. _____

Infectious Agent

Identification _____

Occurrence _____

Transmission _____

Method of Control _____

Web Information and Source

Class Notes _____

COMMUNICABLE DISEASES

AIDS

<http://www.sundaytimes.co.za/2002/02/03/news/news10.asp>
<http://www.worldhealthnews.harvard.edu/>
<http://www.epibiostat.ucsf.edu/epidem/epidem.html>
http://www.mygeneration.org/departments/2002/health/1210_a.html
<http://www.aarp.org/healthguide/>
<http://www.cdc.gov/hiv/pubs/facts.htm>
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html

ANTHRAX

<http://www.geocities.com/allaboutanthrax/>
<http://www.intelihealth.com/anthrax.htm>
<http://www.hq.c5.army.mil/SURG/news/news.htm>
<http://info.dom.uab.edu/gorgas/spectrum.html> (photo)
<http://omni.ac.uk/browse/mesh/indices/a.html>
<http://www.graylab.ac.uk/cgi-bin/omd?anthrax>
<http://www.bt.cdc.gov/Agent/Anthrax/Anthrax.asp>
<http://www.bt.cdc.gov/Agent/Anthrax/AnthraxGen.asp>
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>

CHOLERA

<http://www.bact.wisc.edu/Bact330/lecturecholera>
<http://www.oucom.ohiou.edu/dbms-grijalva/links.htm>
<http://omni.ac.uk/browse/mesh/indices/c.html>
<http://www.who.int/health-topics/iindex.htm>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://vm.cfsan.fda.gov/~MOW/chap7.html>
http://www.cdc.gov/ncidod/dbmd/diseaseinfo/cholera_g.htm
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>

DIARRHEA

http://www.hsph.harvard.edu/review/summer_solution.shtml
<http://www.diarrhoea.org/resources/tih.htm>
<http://omni.ac.uk/browse/mesh/indices/d.html>
<http://www.who.int/health-topics/iindex.htm>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://www.cdc.gov/ncidod/dpd/parasiticpathways/diarrhea.htm>
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>

DRACUNCULIASIS (Guinea Worm)

<http://omni.ac.uk/browse/mesh/indices/d.html>
<http://www.who.int/ctd/dracun/index.html>
<http://www.who.int/ctd/dracun/disease.htm> (photos)
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://www.cdc.gov/ncidod/dpd/parasites/guineaworm/default.htm>
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
http://www.dpd.cdc.gov/dpdx/HTML/Para_Health.htm

LASSA FEVER

<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://www.science.mcmaster.ca/Biology/Virology/18/lassa.htm>
<http://www.cdc.gov/travel/diseases/lassa.htm>
<http://www.cdc.gov/ncidod/dvrd/spb/mnpages/lassavideo.htm> (online video documentary)
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html

LEPROSY (HANSEN'S DISEASE)

<http://info.dom.uab.edu/gorgas/spectrum.html> (photo)
<http://omni.ac.uk/browse/mesh/indices/l.html>
<http://www.who.int/health-topics/idindex.htm>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://www.who.int/lep/> (photo)
http://www.cdc.gov/ncidod/dbmd/diseaseinfo/hansens_t.htm
http://www.cdc.gov/ncidod/dbmd/diseaseinfo/hansens_a.htm (other references)
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>

MALARIA

<http://info.dom.uab.edu/gorgas/spectrum.html> (photo)
<http://www.niaid.nih.gov/dmid/eid/>
<http://omni.ac.uk/browse/mesh/indices/m.html>
<http://www.cdc.gov/travel/malinfo.htm>
<http://www.who.int/health-topics/idindex.htm>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
http://www.amref.org/health_code.html#Malaria
<http://www.cdc.gov/ncidod/dpd/parasites/malaria/default.htm>
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>
http://www.dpd.cdc.gov/dpdx/HTML/Para_Health.htm

MEASLES

<http://omni.ac.uk/browse/mesh/indices/m.html>
<http://www.who.int/health-topics/idindex.htm>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
http://www.cdc.gov/ncidod/diseases/submenus/sub_measles.htm

<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>

MENINGITIS

<http://omni.ac.uk/browse/mesh/indices/m.html>
<http://www.who.int/health-topics/idindex.htm>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
http://www.cdc.gov/ncidod/dbmd/diseaseinfo/meningococcal_g.htm (Bacterial)
http://www.cdc.gov/ncidod/dvrd/revb/enterovirus/viral_meningitis.htm (Viral (Aseptic))
http://www.cdc.gov/ncidod/dbmd/diseaseinfo/meningococcal_t.htm (Technical Info.)
http://www.cdc.gov/ncidod/dbmd/diseaseinfo/meningococcal_a.htm (References)
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>

ONCHOCERCIASIS (RIVER BLINDNESS)

<http://omni.ac.uk/browse/mesh/indices/o.html>
<http://www.cartercenter.org/riverblindness.html>
<http://www.who.int/ocp/ocp001.htm>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://www.odont.lu.se/depts/webodont/onchocer.html>
<http://www.cdc.gov/ncidod/dpd/parasites/riverblindness/default.htm>
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>
http://www.dpd.cdc.gov/dpdx/HTML/Para_Health.htm

RABIES

<http://www.oucom.ohiou.edu/dbms-grijalva/links.htm>
<http://omni.ac.uk/browse/mesh/indices/r.html>
<http://www.who.int/health-topics/idindex.htm>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://www.cdc.gov/ncidod/dvrd/rabies/>
<http://www.cdc.gov/ncidod/dvrd/rabies/Links/Links.htm> (Links)
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>

SCHISTOSOMIASIS (BILHARZIA)

<http://omni.ac.uk/browse/mesh/indices/s.html>
<http://www.who.int/ctd/schisto/disease.htm>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://www.cdc.gov/ncidod/dpd/parasites/schistosomiasis/default.htm>
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>
http://www.dpd.cdc.gov/dpdx/HTML/Para_Health.htm

TETANUS

<http://omni.ac.uk/browse/mesh/indices/t.html>
<http://www.who.int/health-topics/idindex.htm>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://www.cdc.gov/nip/publications/pink/tetanus.pdf>
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>

TRYPANOSOMIASIS (AFRICAN SLEEPING SICKNESS/CHAGAS DISEASE)

<http://omni.ac.uk/browse/mesh/indices/t.html>
<http://www.who.int/inf-fs/en/fact259.html>
<http://www.who.int/emc/diseases/tryp/>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://www.cdc.gov/ncidod/dpd/parasites/trypanosomiasis/default.htm>
<http://www.cdc.gov/ncidod/dpd/parasites/chagasdisease/default.htm> (Chagas Disease)
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>
http://www.dpd.cdc.gov/dpdx/HTML/A_Listing.htm

TUBERCULOSIS

<http://info.dom.uab.edu/gorgas/spectrum.html> (photo)
<http://www.niaid.nih.gov/dmid/eid/>
<http://omni.ac.uk/browse/mesh/indices/t.html>
<http://www.epibiostat.ucsf.edu/epidem/epidem.html>
<http://www.who.int/gtb/>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
<http://www.cdc.gov/nchstp/tb/faqs/qa.htm>
<http://www.cdc.gov/nchstp/tb/faqs/qa.htm#Glossary> (Glossary of terms related to TB)
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>

TYPHOID FEVER

<http://omni.ac.uk/browse/mesh/indices/t.html>
<http://www.graylab.ac.uk/cgi-bin/omd?action=Home&query=>
http://www.cdc.gov/ncidod/dbmd/diseaseinfo/typhoidfever_g.htm
http://www.cdc.gov/ncidod/dbmd/diseaseinfo/typhoidfever_t.htm (Technical Info)
http://www.cdc.gov/ncidod/dbmd/diseaseinfo/typhoidfever_a.htm (References and Links)
<http://www.medem.com/search/default.cfm>
http://www.usaid.gov/pop_health/ (Use search)
http://www.nlm.nih.gov/medlineplus/all_healthtopics.html
<http://www.paho.org/selection.asp?SEL=TP&LNG=ENG&CD=BDISPRVCT>

GENERAL DISEASE INFORMATION

http://www.accessdata.fda.gov/Google/fda_search.pl?client=fdagov&site=fdagov&restrict=&searchselector=&q=tropical+diseases (FDA Search Site)
http://www.usaid.gov/pop_health/home/Resources/
<http://www.medicinenet.com/Script/Main/hp.asp> (click on Diseases and Conditions)

<http://www.ids.ac.uk/data/healthlink/healthlink.htm> (Search for diseases individually)
<http://www.scirus.com/> (Search for tropical disease and resource links)
http://www.healthabstractsonline.com/healthab/show/Products/HAO/journal_frame.htm (Search online abstracts for specific diseases)
<http://intappdev.medscape.com/medinfo/showquery?rootcode=UMA2207X.MEDLINE> (Search online abstracts)

INFECTIOUS DISEASES

<http://www.medscape.com/infectiousdiseaseshome> (Infectious diseases)
<http://www.medscape.com/px/viewindex/more?Bucket=Articles&Specialty=3> (articles)
<http://www.who.int/health-topics/idindex.htm>

TRAVEL INFORMATION

<http://www.cdc.gov/travel/>
<http://www.globalmedicine.org/GMN/travel.html>
http://www.amref.org/health_code.html
<http://www.immunize.org/> (FDA site)

NUTRITION

NUTRITION COURSE

<http://www.humboldt1.com/~ceo/nia001/toc.html>
<http://library.thinkquest.org/26813/nutintroduction.htm?tqskip1=1&tqtime=0320> (Nutrition, Healthy Diet)

ENERGY-YIELDING NUTRIENTS

<http://www.humboldt1.com/~ceo/nia001/nutrpg2.html> (Carbohydrates, lipids, protein)

NON-ENERGY YIELDING NUTRIENTS

<http://www.humboldt1.com/~ceo/nia001/nutrpg2b.html> (Minerals, water)

FOOD CHOICES

<http://www.humboldt1.com/~ceo/nia001/nutrpg3.html>
<http://library.thinkquest.org/26813/balancedmeals.htm> (Food Pyramid)
<http://www.nal.usda.gov/fnic/Fpyr/pyramid.html> (USDA Food Guide Pyramid)
<http://library.thinkquest.org/26813/eatinghabits.htm> (Eating Habits)
http://www.ag.uiuc.edu/~robsond/solutions/nutrition/food_buying.html (Food Buying)
http://www.ag.uiuc.edu/~robsond/solutions/nutrition/food_preparation.html (Food Preparation)
http://www.ag.uiuc.edu/~robsond/solutions/nutrition/food_preservation.html (Food Preservation)
http://www.ag.uiuc.edu/~robsond/solutions/nutrition/food_safety.html (Food Safety)
http://www.ag.uiuc.edu/~robsond/solutions/nutrition/food_storage.html (Food Storage)
<http://www.ag.uiuc.edu/~robsond/solutions/nutrition/glossary.html> (Food/Nutrition Glossary)
<http://www.ag.uiuc.edu/~robsond/solutions/nutrition/nutrition2.html> (Nutritive Analysis)
<http://www.ag.uiuc.edu/~robsond/solutions/nutrition/substitutions.html> (Food Substitutions)
<http://www.health.gov/dietaryguidelines/> (Dietary guidelines for Americans)
<http://www.sfu.ca/~jfreemont/> (Nutrition and Food)

NUTRIENTS AND ENERGY (BIOENERGETICS)

http://www.myprimetime.com/health/fearless_aging/content/natural_energy/index.shtml

VITAMINS AND MINERALS

<http://library.thinkquest.org/26813/vitamins.htm>

<http://www.alternative-medicine-and-health.com/minerals/minerals.htm> (Minerals)

HERBS AND NUTRITION

http://www.theherbsource.net/Circulatory_chart.html (Circulatory System Flow Chart)
http://www.theherbsource.net/Immune_chart.html (Immune System Flow Chart)
http://www.theherbsource.net/Respiratory_chart.html (Respiratory System Flow Chart)
http://www.theherbsource.net/Digestive_charts.html (Digestive System Flow Chart)
http://www.theherbsource.net/Intestinal_chart.html (Intestinal System Flow Chart)
http://www.theherbsource.net/Structural_charts.html (Structural System Flow Chart)
http://www.theherbsource.net/Glandular_chart.html (Glandular System Flow Chart)
http://www.theherbsource.net/Nervous_chart.html (Nervous System Flow Chart)
http://www.theherbsource.net/Urinary_chart.html (Urinary System Flow Chart)

FOOD COMPOSITION

<http://www.nal.usda.gov/fnic/etext/000020.html> (With other links available)

CHILDCARE NUTRITION

<http://www.nal.usda.gov/childcare/>
<http://www.nal.usda.gov/childcare/Safety/index.html> (Food Safety)- Links to USDA and FDA websites

FREE NEWSLETTERS ON FOOD AND NUTRITION

<http://www.sfu.ca/~jfreemont/newsletters.html>

NUTRITION IN DEVELOPING COUNTRIES

<http://www.nap.edu/books/0309040922/html/> (Nutrition Issues in Developing Countries: Online Book)
<http://www.fao.org/WAICENT/FAOINFO/ECONOMIC/ESN/africa/africa.htm> (Agriculture, Food, and Nutrition in Africa: Online Book)
<http://www.ifpri.org/2020/focus/focus05.htm> (Health and Nutrition: Emerging and Reemerging Issues in Developing Countries: Online Book)
<http://www.fao.org/WAICENT/FAOINFO/ECONOMIC/ESN/require/default.htm> (Nutritional Requirements)

NUTRITION EDUCATION

<http://www.fao.org/WAICENT/FAOINFO/ECONOMIC/ESN/Educate.htm> (Many Links available)

FOOD AND NUTRITION

<http://www.fao.org/docrep/X0242E/X0242E00.htm> (Food and Agriculture Organization of the United Nations)

FOOD AND AGRICULTURE

<http://www.fao.org/> (Food, Nutrition, Hunger, Famine)

MALNUTRITION

<http://www.medstudents.com/pedia/pedia1.htm> (Pediatrics)
<http://www.ifpri.cgiar.org/2020/briefs/number64.htm> (Overcoming Child Malnutrition: Brief)
<http://www.ifpri.org/divs/fcnd/dp/dp60.htm> (Explaining Child Malnutrition in Developing Countries: Brief)
<http://www.worldbank.org/html/extdr/hnp/nutrition/enrich.htm> (Overcoming Vitamin/Mineral Malnutrition in Developing Countries)
<http://www.ifad.org/events/nutrition/> (Malnutrition in Developing Countries: Generating Capabilities for Effective Community Action Workshop)

Web sites identified by Holly Van Sciver