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Shirley Weston
Western Washington University

Huxley College of the Environment, Western Washington University

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the HUXLEY HUMUS

Volume 1, issue 3

February 12-16

CAREER OPPORTUNITIES, ENVIRONMENTAL HEALTH

--Gene Miller

Environmental Health refers to that aspect of public health that is concerned with those of life, substances, forces, and conditions in the surroundings that may exert an influence on man's health and well-being. Such topics as air and water pollution, food contamination, solid waste, overpopulation, and pesticide and radiation exposure are considered. The concentration provides information for students interested in advancing their knowledge and integrating the chemical, physical, biological, and social aspects of man-environmental health relationships.

Students would have a sound background in general environmental studies, environmental health, biology, chemistry, and nutrition, after completing a B. S. in this program. Entrance into graduate school would be possible in various areas, depending on student emphasis during the undergraduate years (i.e., biochemistry, public health, biology, nutrition, environmental health).

Students would be prepared to enter the field of environmental health, branch of Public Health. Two courses are not taught in the present program that would be required for state certifica-

tion. These courses can be taken at other institutions in the area by arrangement. Internships are also arranged in local public health offices as part of the program requirements.

A graduate from this concentration will have had an adequate background and training to be able to work as a junior technician assisting in a variety of programs such as food quality control, nutrition, water supply, institutional health and general sanitation, air pollution and water pollution, etc. Employment opportunities may include: federal, state, regional, county and city health agencies; private industry, and universities and colleges.

Last Spring 3 students graduated from this concentration: Their positions are as follows:

- Barbara Knapp 1. Vista Rehabilitation, Rapid City, S. Dakota
- Wayne Wallis 1. Received a Teaching Assistant Appointment; Botany Dept., Oregon State University. Declined for personal reasons.
- 2. Presently a technician in University Hospital, Seattle. Seeking appointment to Medical School.
- Margo Van Winkle 1. Environmental Protection Agency, Fellows Program, Washington D.C. 2. National Park Service, Philadelphia, PA

REPORTER WANTED

The Bellingham Metropolitan needs a reporter to write on environmentally related problems. The person would have to work for free until around the middle of March. If your writing is satisfactory it will be possible to earn up to \$60 a month. If interested, please see Bert Webber for details.

MAGAZINES

Have you tried to pursue a current topic using the periodicals in the library recently? Have you found the article you needed torn out? Have you been unable to locate the magazine at all?

If any of these has happened to you—you may be the victim of an untrustworthy and irresponsible college student.

After many years of trying, the Wilson Library now has an open periodical system. This is to make the issues more readily available to the students. It also eliminates the librarian who previously obtained the magazine for you and made you check it out.

It is assumed that by college age a person should know the alphabet and know how to read dates on the magazines. Therefore, he is able to pick out the copy he wants without waiting in line.

The Wilson Library was willing to trust the students of WJSC, Huxley,

Fairhaven, and the College of Ethnic Studies with the future of these magazines.

The library is equipped with numerous copy machines, tables and desks at which to sit, read and take notes. Many people use them but apparently not enough. Magazines are being destroyed and stolen.

Wouldn't it be nice to do some research and find all the sources of information available? Would you like to see the Wilson Library return to the old (magazine check-out) system? Would you like to feel like a failure?

You will be, if the library returns to the old system. It would mean that college students do not possess the maturity and responsibility that is needed to keep the current magazine-use system open.

If you use the magazines, please use them in the library. If you already have one at home, please bring it back. It may make the difference between an A and an F for someone.

Kathy Kudrna

DEFINITION OF THE WEEK

Envirographic Determinism—
The concept which regards environmental conditions as the determining influence upon the nature of the species.

Some Changes

Everybody! Please check your mail box in Zimmerman House for the revised Spring Quarter Schedule of classes. Use this copy when planning your classes rather than the blue 72/73 Class Schedule, Fall-Winter-Spring. To answer some of your questions I will list the changes below.

Deletions: The following courses have been deleted from the spring class offerings-

- Hux 352, Introductions to Water Pollution (see changes below)
- Hux 364, Environmental Measurements see additions below
- Hux 435, Ecological Systems Analysis (was held Winter Quarter 1973)
- Hux 468, Environmental Noise

Additions: The following courses have been added to the spring class offerings-

- Hux 434, Environmental Concepts of the American Indian (4); L. Robbins
- Hux 465, Mathematical Modeling of Natural Systems (4); J. Albers
- Hux 471, Environmental Psychology (4); J. Swan

Changes:

- Hux 301, Challenge of Survival: changed instructor to J. Miles
- Hux 313, Graphic Analysis & Presentation: changed title to Site Planning and room to MH 18 and Professor to E. Gayden.

- Hux 323, Pollution & Marine Ecology lab is in BH 401
- Hux 331, Population Dynamics I: changed lab to BH 401
- Hux 361, Introduction to Air Pollution: changed title to Introduction to Air and Water Pollution and Lab to M 1/2/3/4 in BH 401
- Hux 365, Environmental Energetics: added Lect F 12; dropped lab Wed. 1/2/3/4.
- Hux 413, Regional Environmental Planning: changed room to MH 18 and professor to G. Peterson
- Hux 423, Techniques of Marine Analysis: changed lab to T 1/2/3/4 in BH 401
- Hux 450, Nutritional Chemistry: changed lab to W 1/2/3 in BH 401 and Lect time to MWF 10 in NW 32.

-SHORELINES-

Northward of Bellingham, a longshore drift carries sand from the Cherry Point Region southward to Sandy Point. A spit that has formed of sand as a result of the longshore drift meeting the calmer waters of Lummi Bay. Land developers discovered the prime location and started a beach-front housing development. Soon thereafter the sandy beach started eroding forcing the developers to barge larger non-erodable material to the location. The probable cause of the lack of sand deposition becomes apparent as one follows the longshore drift northward. At Cherry Point the Docks of Arco and Intalco interfere with the longshore drift responsible for delivering sand to Sandy Point. (con't p. 6)

New Seminar in Recreation

Dr. Miklos Gratzner, a visiting professor from the University of Connecticut, is planning to offer a seminar in Forest Recreation in Spring either as a 1 credit discussion group or as a 2 credit lecture-discussion format. The content is largely up to the participants. Topics may include the following areas:

1. Planning and Developing the Recreation resource (Prediction of quantitative and qualitative values, analysis of environmental ranking systems.)
2. Characterizing the Recreation Users (The camper, the hunter, etc., user's studies, satisfaction measurements)
3. Specific Managerial Problems (Law enforcement, environmental deterioration, carrying capacity, liability.)

Let Dr. Gratzner know if you are interested in this seminar and how many credits you would be willing to work for. His office is in Mitchel House basement, room #9.

Dr. Gratzner is also interested in working with people on problems relating to Forestry Forest Recreation, Resource management during Spring Quarter. If you wish to work on your problem series in this area, please contact him.

POWER TO THE PEOPLE

While persuing the latest copy of the Modern Home Gazette, (published by Puget Sound Power and Light Co.), I came across some conflicting concepts.

The back cover was devoted to promoting pamphlets on how to cut down on power use. There was one article that explained how insulation on a house lowers the heat loss. Both of these are good from the stand point of public awareness of energy conservation, but are mostly "eye wash"! They both were promoting electric energy consumption, and never questioned the efficiency of electric in relation to other energy forms. One of the free pamphlets is "How to Insulate Homes for Electric Heating."

In the same issue there is an article about the virtues of the self-cleaning oven. The joys of not having to clean an oven were emphasized, but the extravagant energy expense of the cleaning cycle is ignored. The promotion of a self-cleaning oven is not consistent with a policy of energy conservation.

Below the oven article is one about how street lighting has reduced the accident rate and the crime rate. There is nothing said of the amounts of energy used for lighting the streets all night. Puget Power does state an objective here, of "providing Western Washington with a quality environment, electrically." Think about that one!

(con't)

POWER... (con't)

The Puget Sound Power and Light Co. is trying to put across an image of a Company worried about environmental concerns. That image will help them make money and expand markets with the least amount of public outcry from resultant environmental degradation. Making money is the objective of industry.

It does seem hypocritical to push for a public image that is not close to reality. Deceiving the public is the name of the game, and it distorts areas of public concern. Corporate propaganda is a detriment to the understanding of many environmental problems; examining the corporate myth is essential.

Terry Greer

EPIDEMICS ON CAMPUS
(Part I)

...chinka-chinka-chinka-chinka...
Boom! Crunch! Whoosh!...atta-atta
atta-atta...attattattattattattatta...
Slurp! Ugh! Tunka-tunka-tunka...
shaaaaaaaa-whissssssss...

..."Just one more!"...clankaclanka-
clankaclanka Zing!...clnakaclanka-
clankaclanka Zing! Boom! Boom!

Another epidemic on campus. A Christmas present: a cyclone fence.
...S
Suddenly every Cinderella on campus turns into a rat. Meanwhile the Psych. Dept. chuckles from atop Bond Hall, "4 minutes and 38 seconds on this on so far... she'll never get through our maze!

"Move that bike rack!" "Push 'way those trees. Tear up those bricks!"

...Boom! Boom! Clank! Clank!...
...rrrrrrrrrr! Bang! Whoosh!

We've been invaded. Invaced by an Earth-ripping virus. Strange steel organisms that thrive on dirt, diesel and hydraulic fluid.

Cause: CCA (Capital Construction Appropriations) I saw the same virus hit the U of W four years ago. It's hard to control...
Cancerous you know.

Watch for it on your part of campus.
SYMPTOMS: Noise--excruciating
Fences--miles of them
Holes--20-30 feet deep

If found, proceed slowly with caution: the organisms are extremely dangerous. They have been known to cause FUTURE SHOCK in their victims.
Arne Vicklund

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GRANOLA CRACKING UP
(from McCall's Magazine)

Nothing is sacred anymore. Now (sob) it turns out that crunchy granola isn't all it's cracked up to be. Less nutritious, twice as fattening and more expensive than standard breakfast cereals, according to Berkeley, California, home economist Helen Black, its sole remaining claim to fame is its natural charm--no additives, preservatives or chemicias. Sad-denning news for natural-food freaks everywhere.

SEHOME HILL ARBORETUM

TRUE OR FALSE ..

After many years of dealing with the Bellingham City Park Board, a College-City Arboretum was formed in 1972. It was ironical that in 1972 some trails were gravelled and the hill further mutilated by human activity. A trail from Fairhaven College to Behind Miller Hall was carved in the unstable soils, and is of very dubious value. This trail stops abruptly 30 feet above ground level, with a cliff as the termination point behind Miller Hall.

It seems that the state had granted some money for the College Arboretum. If it was not used, they would lose the money. Thus trail development occurs with little consideration for environmental impact, traffic patterns, need for trails or trails system for Sehome Hill.

If we cannot control our own institutions actions in the field of planning, how can we criticize other agencies for their blunders? If we want to control environmental degradation, we must start at home.

Shorelines (con't)

Thus the developer and the industries utilize nature without understanding the natural processes functioning and as a result a problem exists. Perhaps future problems of this nature will be prevented by the New Shoreline Management Bill passed during the last election.

Between Bellingham and the Canadian boundary there is a city whose electrical energy consumption per day equals the domestic consumption of Greater Seattle (Seattle, Kirkland, Renton, Bellevue, Burien, etc.).

The statement is TRUE if "city" is replaced with "industry", as the Intalco Aluminum Company consumes 410 megawatts of electrical power per day. An amount equal to half of the daily production at Hanford or a third of the daily output of Grand Coulee.

Awesome figures in terms of electrical consumption in the state of Washington but even more aweing when one realizes Intalco is only one of six manufactures of aluminum in the state.

The HUMUS is the voice of Huxley College and its surrounding communities. Any comments or contributions should be sent to:

HUMUS
Huxley College of Environmental
Studies
WWSC Bellingham, WA 98225

-HUMUS Staff-

Shirley Weston-Editor
Terry Greer
Kathy Kudrna
Louis Read
Bob Speed
Arne Vicklund