Waging a war:

Growing needs tax MSU environment

By GENE RIETFORS
Editor, Faculty News

Michigan State's first environmental teach-in and Wednesday's Earth Day observance will spotlight—for a time, anyway—the forces that threaten our national environment. But it will be business as usual Wednesday and every day for those charged with protecting the air, water and land that comprise the campus environment.

Waging that fight includes:

- Trying to clean up the Red Cedar River, "indefinitely better" than it was a decade ago, according to one expert, but still much in need of help.
- Controlling the density of smoke exhaled by MSU's two campus stacks, discharges that so far have not violated any pollution laws.
- Collecting and disposing of the growing bulge of trash, papers, cans and other solid wastes discarded by the "community" of nearly 50,000.
- Carefully storing and then disposing of chemical and radioactive wastes from research facilities.
- Pondering the growing headaches of more vehicular traffic, more noise, heavier drains on power and water facilities.

While the job goes on of trying to meet growing demands on MSU's environment, a St. Louis (Mo.) firm of consulting engineers (Byrdsman, Edgarly, Tomlinson and Associates) has been studying the University's present and future waste disposal needs.

On June 15, the firm will report to the Board of Trustees its findings concerning the types, sources and quantities (now and future) of the various wastes, its evaluation of present and alternate waste disposal methods, and its recommendations for solution to pollution problems.

ROBERT L. SEIFERT, University architect who is assisting the firm, said that solid waste disposal is a major area of study.

MSU now spends about $25,000 a year to use a private sanitary landfill, north of Lansing. Burt D. Ferris, supervisor of grounds maintenance, estimates that the volume of solid waste increases by about 10 per cent a year on the campus.

Getting rid of it requires some 20 truckload trips each week for papers and house trash and about the same number for various wastes, its evaluation of present and alternate waste disposal methods, and its recommendations for solution to pollution problems.

Wharton to speak

President Clifton R. Wharton Jr. will address Thursday's meeting of the MSU chapter of the AAUP. His speech, on "Faculty—Administration Relations," will be at 7:30 p.m. in Union Parsons B and C. Also scheduled is a comparison of faculty salaries among colleges by Einar Hardin, professor of labor and industrial relations.

The NUC: An attitude, a way of believing

[Associate Editor Beverly Twitchell has spent more than two months attending meetings and interviewing members of the New University Conference to learn more about the organization and, more importantly, the people who comprise it. Following is her report.]

The New University Conference is...

From here you could go on and say a number of relevant things about NCU: Its history, its structure, when it meets, its purposes as stated in the handy little folder... Relevant? No, too easy. What NCU is... is an attitude, a total way of thinking or believing or acting.

And that is more important than the label "radical" which NCU attaches to itself.

NUC is faculty—mostly junior faculty—graduate students and staff members—articulate, know their fields, concerned, questioning or rejecting.

NUC is a personal (personable?) occurrence, revolving around the persons who relate to it. NUC is social as well as political, its members say. Total.

GUNTER PFAFF, editor and film production supervisor in the Instructional Media Center, born in Germany, came to this country 15 years ago, hard thinker, speaker. I see an analogy to Hitler's Germany. We're not there yet, but we're moving awfully fast. (His parents and others didn't speak up.) The Left (here) is getting the shaft; dissent is being stifled. You have to lay it on the line. We're kidding ourselves if we think we're going to cure society individually and quietly. I don't believe that anymore. I see myself as deeply humanist and democratic. Some call it radical. I see it as human common sense.

CHARLES IPCAR, graduate student in geography, soft—spoken and logical: Saw a need for a formal organization, to generalize on things like academic repression and related issues, not a one-shot thing. Lost faith in the established system; it's not enough to follow channels. It's a matter of contending with problem situations, not of making trouble.

EILEEN VAN TASSELL, assistant professor of natural science, natural, direct: All professors are vulnerable in one way or another. We're not paranoid about it; we're just aware. Student evaluations are important and should play a much larger role. Seeking an effective way to wake people up to major issues. The University should be a major source of social change and it's not. Fails to really examine the structure of society. Opposed to consumerism with planned obsolescence, political oppression of minority groups and the American system which tends to insure that a certain segment of the population stays poor and underprivileged. She rejects a weak, feminine role, objects to statements like "will fight like a woman."

The NUC in a meeting. (From upper left, those facing camera) William Derman, anthropology; Linda Easely, anthropology; Gunter Pfaff (seated on floor), Instructional Media Center; Eileen Van Tassell, natural science; Anne Francis, a local high school teacher; Jackie Brown, Lansing Community College; and Charles Ipcar, geography.

—Photo by Dick Wesley
"A conspicuous focus for the individuals"

(Continued from page 1)

RON HORVATH, assistant professor of geography, just straight, he says, but socially - oriented: Commitment is to people. Sees NUC as the only group he's found of interest; that is his focus on social issues; the only place on campus where social issues are dealt with in an interdisciplinary fashion.

Peripheral to the group, considers himself more conservative. Never thought of himself as a liberal. Identifies with those professors who consider themselves "liberal." Listens to others and hears a commitment to being revolutionary: My commitment is smaller -- to things like getting a lot of black students in here, teaching...

BILL DERRMAN, assistant professor of anthropology, smilingly serious, works well with words: Sees role as not necessarily turning out anthropologists, but teaching that getting others to be like the faculty role with students. Does it extend to demonstrations? There has to be that responsibility, both in and out of the classroom. We're in it together or we're not. Faculty can't always be mediators. Did a dramatic reading of the trial of Black Panther leader Bobby Seale's contempt charge in a court of 300, though felt he was jeopardizing position, because he wasn't teaching anthropology. What are the boundaries of a classroom? Faculty can't be honest in being themselves, too, feels that militarism and racism are two good examples of the major social forces that universitv... I see teaching as a subservient activity -- we should be critical of what is.

ED VANDERVELDE, instructor in geography and Justin Morrill College, with the humor and the thought: Evolutionary change or revolutionary change? I just think things ought to be different. Radical in the sense of the human element versus -- relevance to people. I have a hard time communicating this to other faculty. Faculty are scared of students. We all want security; young active minds are a threat to security. It's difficult to keep up with things, I don't want to go to department colloquies; I want to do rest of the life of questioning you have when you're a student. Change is our only on - going constant. NUC got my thinking clear, as opposed to being unsure and looking for little things... But it's there all the time. We are a political force and..."
Subjects generally positive toward MSU, survey shows

The Board of Trustees last Friday approved several major personnel changes and appointments, including:

- Frank J. Blatt, professor of physics, was named department chairman. He had been acting chairman since last September, succeeding Sherwood K. Haynes.
- Robert Schlater, associate professor of television and radio, will become department chairman Sept. 1. He will succeed Leo Martin, who is on sabbatical leave in the fall.
- Edson R. Nonnamaker, professor of education, was designated dean of students. He had been associate dean since 1963 and assumes the new title under terms of a reorganization of the Office of Student Affairs. Milton B. Dickerson continues as vice-president for student affairs.
- Roger E. Wilkinson becomes vice-president for business and finance. He had been acting vice president since December of 1968 to succeed Philip J. May.
- Isa Polley, former superintendent of public instruction, will become consultant to the president and professor of education May 1. Polley, on a one-year appointment, will be director of staff for the Presidential Commission on Admissions.

Faculty honors, projects

JAMES B. BEARD, associate professor of crop and soil sciences, has been elected to a three- year term on the board of directors of the American Society of Agronomy.

ALBERT SCHALTER, professor of labor and industrial relations and of social science, is the editor of "Teacher Unions and America: A Comparative Study," published by the University of Illinois Press. MSU contributed a number of essays.

L-C Series tickets readied

Patrons of Michigan State's Lecture-Concert Series may renew their same seats and series at the Union Ticket Office any time until Thursday, May 21, announces William Paul, director of the Series.

Brochures announcing the 1970-71 schedule for Series A and B and the World Travel Series will be available next week from the Lecture-Concert Series Office.

Changes in Series and seating may be made Monday, May 25; open sale to new patrons begins Tuesday, May 26.

Students at Michigan State are very likely to agree that the University is an enjoyable place for them to be interested in undergraduates. They are only slightly less inclined to rate its faculty as accessible, and to judge it high in teaching quality, permissiveness toward students and receptivity to change and innovation.

At the same time, they are less likely to concern in their evaluation of the University's size and sense of community, and on the extent to which student voice is heard. These are among findings that emerge from a survey of attitudes held by random samples of MSU seniors, freshmen and black freshmen. The survey, second in a series sponsored by the Office of the Vice President for Special Projects, was directed by Bradley S. Greenberg, associate professor of communication. The associate director was Mary L. Lambert.

The first survey in the series examined faculty attitudes and was released last January (Faculty News, Jan. 27).

The second survey, Questionnaires in the latest study were sent during winter term to 251 seniors (96 of whom responded), 272 freshmen (153 responded) and 96 black freshmen (35 responded).

Also surveyed were parents of 189 of the seniors in the sample (70 responded) and parents of all of the 272 freshmen (102 responded).

Greenberg emphasized that the responses are representative only of those who chose to complete the questionnaire. 

**HE REPORTED THAT students in all three groups exhibited a "striking" similarity in responses when they were asked to list things about MSU that impressed them.

"All three (groups) emphasized interpersonal aspects of University life as a principal satisfaction," he said.

"Stated vaguely, it emerged that the friendly people, helpfulness, the atmosphere and the available assistance were what had particularly impressed the freshmen and seniors."

Complaints about MSU varied from group to group, he reported. They ranged from dissatisfaction with courses, residence halls and academic advising to disappointment over "poor interaction" between faculty and students.

The three student groups were in general agreement on the main reason why they enrolled at Michigan State: Because of reputation, both of the University itself and of its departments.

MSU's size was also a strong reaction to the freshman sample (40 per cent), but it was cited less by seniors and not at all by black freshmen.

Here is a summary of the findings:

**SENIORS**

This group rated the University high in modernity (80 per cent), Friendliness (70 per cent), concerned with social problems (84 per cent).

They rated teaching quality high and found faculty to be accessible (71 per cent). Fifty-nine per cent characterized MSU as a "good" University.

Seniors were less likely to judge the University especially high in the voice it provides for students (54 per cent) or in its "sense of community" (40 per cent).

**SPECFIC BUT SCATTERED**

disappointments cited by seniors included courses and teaching, financial matters (rising tuition, financial aid, dormitory rates), size and the atmosphere ("Any time you talk to seniors," said one respondent, a student may "spend hours on the phone—usually on hold.")

Eight seniors expressed interest in learning more about Board of Trustees meetings, and several said they wanted more information on University financial and admissions policies.

**FRESHMEN**

Respondents in this sample expressed satisfaction with many of the things cited by seniors, and some were impressed by the freedom they found here.

Consumer sessions resume Monday

James Stavskas, manager of soft goods testing for the J. C. Penney Company, will speak next Monday (April 27) during this spring's faculty-student consumer seminar series.

Stavskas will speak at 3 p.m. in 102 Wells Hall. His topic is "The Retail Bridge Between Industry and the Consumer." Purpose of the series is to provide students and faculty with a chance to meet with representatives from the textile industry.

Robert Whitehurst, sociologist at the University of Windsor, will discuss "Marriage in a Pluralistic Society" Thursday at 12:40 p.m. in Room 300, Wells Hall.

He is participating in the weekly colloquy on "The Family: Perspectives for the Future." The next speaker is Mrs. Maxine Virtue, assistant attorney general for Michigan, who will discuss "The Family and the Law" on May 7.

Faculty honors, projects

JAMES B. BEARD, associate professor of crop and soil sciences, has been elected to a three- year term on the board of directors of the American Society of Agronomy.

ALBERT SCHALTER, professor of labor and industrial relations and of social science, is the editor of "Teacher Unions and America: A Comparative Study," published by the University of Illinois Press. MSU contributed a number of essays.

L-C Series tickets readied

Patrons of Michigan State's Lecture-Concert Series may renew their same seats and series at the Union Ticket Office any time until Thursday, May 21, announces William Paul, director of the Series.

Brochures announcing the 1970-71 schedule for Series A and B and the World Travel Series will be available next week from the Lecture-Concert Series Office.

Changes in Series and seating may be made Monday, May 25; open sale to new patrons begins Tuesday, May 26.

Students at Michigan State are very likely to agree that the University is an enjoyable place for them to be interested in undergraduates. They are only slightly less inclined to rate its faculty as accessible, and to judge it high in teaching quality, permissiveness toward students and receptivity to change and innovation.

At the same time, they are less likely to concern in their evaluation of the University's size and sense of community, and on the extent to which student voice is heard. These are among findings that emerge from a survey of attitudes held by random samples of MSU seniors, freshmen and black freshmen. The survey, second in a series sponsored by the Office of the Vice President for Special Projects, was directed by Bradley S. Greenberg, associate professor of communication. The associate director was Mary L. Lambert.

The first survey in the series examined faculty attitudes and was released last January (Faculty News, Jan. 27).

The second survey, Questionnaires in the latest study were sent during winter term to 251 seniors (96 of whom responded), 272 freshmen (153 responded) and 96 black freshmen (35 responded).

Also surveyed were parents of 189 of the seniors in the sample (70 responded) and parents of all of the 272 freshmen (102 responded).

Greenberg emphasized that the responses are representative only of those who chose to complete the questionnaire.

**HE REPORTED THAT students in all three groups exhibited a "striking" similarity in responses when they were asked to list things about MSU that impressed them.

"All three (groups) emphasized interpersonal aspects of University life as a principal satisfaction," he said.

"Stated vaguely, it emerged that the friendly people, helpfulness, the atmosphere and the available assistance were what had particularly impressed the freshmen and seniors."

Complaints about MSU varied from group to group, he reported. They ranged from dissatisfaction with courses, residence halls and academic advising to disappointment over "poor interaction" between faculty and students.

The three student groups were in general agreement on the main reason why they enrolled at Michigan State: Because of reputation, both of the University itself and of its departments.

MSU's size was also a strong reaction to the freshman sample (40 per cent), but it was cited less by seniors and not at all by black freshmen.

Here is a summary of the findings:

**SENIORS**

This group rated the University high in modernity (80 per cent), Friendliness (70 per cent), concerned with social problems (84 per cent).

They rated teaching quality high and found faculty to be accessible (71 per cent). Fifty-nine per cent characterized MSU as a "good" University.

Seniors were less likely to judge the University especially high in the voice it provides for students (54 per cent) or in its "sense of community" (40 per cent).

**SPECFIC BUT SCATTERED**

disappointments cited by seniors included courses and teaching, financial matters (rising tuition, financial aid, dormitory rates), size and the atmosphere ("Any time you talk to seniors," said one respondent, a student may "spend hours on the phone—usually on hold.")

Eight seniors expressed interest in learning more about Board of Trustees meetings, and several said they wanted more information on University financial and admissions policies.

**FRESHMEN**

Respondents in this sample expressed satisfaction with many of the things cited by seniors, and some were impressed by the freedom they found here.

Consumer sessions resume Monday

James Stavskas, manager of soft goods testing for the J. C. Penney Company, will speak next Monday (April 27) during this spring's faculty-student consumer seminar series.

Stavskas will speak at 3 p.m. in 102 Wells Hall. His topic is "The Retail Bridge Between Industry and the Consumer." Purpose of the series is to provide students and faculty with a chance to meet with representatives from the textile industry.

Robert Whitehurst, sociologist at the University of Windsor, will discuss "Marriage in a Pluralistic Society" Thursday at 12:40 p.m. in Room 300, Wells Hall.

He is participating in the weekly colloquy on "The Family: Perspectives for the Future." The next speaker is Mrs. Maxine Virtue, assistant attorney general for Michigan, who will discuss "The Family and the Law" on May 7.
New committee to spell out salary, compensation needs

Faculty bylaw amendments approved by Academic Senate last week set up a University Committee on Faculty Compensation and Academic Budgeting. The amendment specifies specific language responsibilities held for some time by the University Faculty Affairs committee. Those responsibilities, spelled out in the charge to the new committee, include:

Studying and making recommendations on the level and structure of the University's salary and fringe benefits budgeting committee.

- Making annual recommendations for adjustments in salary or other forms of compensation.

Studying and making recommendations regarding faculty personnel policies (excluding tenure) in Illinois.

- Making annual recommendations for adjustments in salary or other forms of compensation.

Studying and making recommendations on allocation of financial resources to "the various academic divisions and activities of the University."

- Consultation with the University administration concerning the process of budget formulation, allocation of appropriations and the process of "allocating" the funds among the subjects within the responsibilities of the committee.

- The FACULTY affairs committee did not enjoy such consultation, according to Erwin Bettighaus, assistant dean of communication arts and chairman of the faculty affairs committee. Bettighaus stated that the University has always reserved budgeting questions for its own

number of runs for power plant flshay and intake of naturally good plants. Added to this is trash and ashes that accumulate at the three married housing units, plus special jobs following football games, Farmer's Week and other events.

- SPECIAL HANDLING is needed to dispose of some chemical and radioactive materials. Most of these materials are placed in special containers in laboratories, pits and safety offices, but there is no 100 per cent guarantee against someone accidentally dumping chemicals down a drain.

- Radioactive wastes are stored on the campus with radiation monitoring, according to Warren H. Malchm, campus radiation safety officer. These materials are in storage for about six times a year by a licensed radioactive waste disposal firm and transported to a federal "burial" ground in Illinois.

- When MSU sprays with pesticides now, it is only in response to threats to plants and trees, according to George Paine, MSU's chief entomologist. Only chemicals that won't have dangerous side effects are used, he said.

Efforts to control Dutch elm disease, for instance, involve the use of the "safest available" chemical, methoxychlor, with EDT discontinued several years ago.

THIRTY YEARS ago, trout swim in regions of the Red Cedar River; more recently, portions were choked with proliferating algae. Now the river is being cleaned up, although much remains to be done.

Robert Bell, director of the Institute of Water Research, notes that virtually no raw sewage is now flowing into the river. But he, and Ronald Willson of the Michigan Water Resources Commission warn that the Red Cedar still faces problems, including five-year-old East Lansing sewage plant (which the University helps support with tax dollars) that uses an operating capacity. It faces the prospect of becoming overloaded, and the city would mean more sewage problems for the river.

And Wilson sees another, long-range threat to the river. Increased urbanization of its watershed and more problems with storm runoff.

There are more areas on the campus which have potential environmental implications:

- Vehicles corrosive a threat to the campus air. The latter cleaning device is being refined by its manufacturer.

- The Tigris nuclear reactor requires water for cooling when it is operating, but that water is from one river which has been re-used and cooled by a cooling tower on the Engineering Building roof. The river is the recipient of 900,000 gallons of warm air. The same procedure is used for cooling in MSU's power plants.

- Smoke from the new Lane Power Plant is mechanically cleaned as it leaves the stack. Howard Wilson, associate director of plant engineering, said that in the newer Power Plant '65, there is a mechanical cleaner, plus an electrostatic precipitator. The latter cleaning device is being refined by its manufacturer.

Protecting the environment...

(Continued from page 1)

number of runs for power plant flshay and intake of naturally good plants. Added to this is trash and ashes that accumulate at the three married housing units, plus special jobs following football games, Farmer's Week and other events.

- SPECIAL HANDLING is needed to dispose of some chemical and radioactive materials. Most of these materials are placed in special containers in laboratories, pits and safety offices, but there is no 100 per cent guarantee against someone accidentally dumping chemicals down a drain.

- Radioactive wastes are stored on the campus with radiation monitoring, according to Warren H. Malchm, campus radiation safety officer. These materials are in storage for about six times a year by a licensed radioactive waste disposal firm and transported to a federal "burial" ground in Illinois.

- When MSU sprays with pesticides now, it is only in response to threats to plants and trees, according to George Paine, MSU's chief entomologist. Only chemicals that won't have dangerous side effects are used, he said.

Efforts to control Dutch elm disease, for instance, involve the use of the "safest available" chemical, methoxychlor, with EDT discontinued several years ago.

THIRTY YEARS ago, trout swim in regions of the Red Cedar River; more recently, portions were choked with proliferating algae. Now the river is being cleaned up, although much remains to be done.

Robert Bell, director of the Institute of Water Research, notes that virtually no raw sewage is now flowing into the river. But he, and Ronald Willson of the Michigan Water Resources Commission warn that the Red Cedar still faces problems, including five-year-old East Lansing sewage plant (which the University helps support with tax dollars) that uses an operating capacity. It faces the prospect of becoming overloaded, and the city would mean more sewage problems for the river.

And Wilson sees another, long-range threat to the river. Increased urbanization of its watershed and more problems with storm runoff.

There are more areas on the campus which have potential environmental implications:

- Vehicles corrosive a threat to the campus air. The latter cleaning device is being refined by its manufacturer.

- The Tigris nuclear reactor requires water for cooling when it is operating, but that water is from one river which has been re-used and cooled by a cooling tower on the Engineering Building roof. The river is the recipient of 900,000 gallons of warm air. The same procedure is used for cooling in MSU's power plants.

- Smoke from the new Lane Power Plant is mechanically cleaned as it leaves the stack. Howard Wilson, associate director of plant engineering, said that in the newer Power Plant '65, there is a mechanical cleaner, plus an electrostatic precipitator. The latter cleaning device is being refined by its manufacturer.

Seminar slated

Gillett, N. L., Medical director of the Presbyterian Hospital in Philadelphia will speak on "A New Model for the Living Cell" at 4 p.m. Thursday, April 27, Room 207 in Rosen 523, Chemistry Building.