**Revelation—science tool?**

By Alex Makowski

A British industrialist opened MIT's new Technology and Culture Seminar Tuesday with a proposal that a new fundamental science be developed to complement existing social methods.

Dr. John Wren-Lewis, of the Imperial Chemical Company in London, urged a sympathetic approach to the study of nature, where knowledge would come from a combination of interaction and revelation. From this approach could come, he suggested, a new appreciation and improvement of man's interaction with both nature and other men.

Wren-Lewis was joined on the Kresge Little Theatre stage by MIT Professors Philip Morrison (Physics) and Jerome Lettvin (Biology). Remarks from both took strong exception to Dr. Curtis W. Tarr, director of, his suggestion of a new form of science.

The seminar presentation was feared to be the first of what will be a weekly series of programs exploring the connections between technology and culture. The series organizers hope the project will develop enough interest within the MIT community to stimulate some program during the January Independent Activities Period.

Wren-Lewis intends his new method to be both a complement to and an extension of present experimental techniques. The current rising tide of anti-scientific and anti-technological sentiment prompted him to examine the background of scientific doctrine, to search for a clue that might explain whether the current negative attitude is merely a misplaced reaction to such modern ill as pollution and the arms race, or whether the cause might be some inherent feature of science itself. The Making of a Counterculture by Theodore Roszak suggested a direction. Roszak wrote that science fostered two intrinsic evils: the technocracy that made possible the manipulation of masses by experts, and the dedication of society to unlimited economic expansion. The scientific outlook, he continued, is an alienated one—man stands apart from nature, in opposition to it. As an alternative he offered the more religious approach to participation with nature.

The standard defense to such an attack, explained Wren-Lewis, is to point out that the evils of technology are not the results of the scientific revolution but rather the result of flaws in societal structures amplified by the adoption of scientific techniques. Before the scientific revolution, man was expected to study nature to determine the... (Please turn to page 9)

**Do you think a bright young Electronics Engineer should spend his most imaginative years on the same assignment?**

**Neither do we.**

That's why we have a two-year Rotation Program for graduating engineers who would prefer to explore several technical areas. And that's why many of our areas are organized by function—rather than by project.

At Hughes, you might work on spacecraft, communications satellites or tactical missiles during your first two years.

All you need is an EE degree and talent.

For additional information, please contact your College Placement Director or write: Mr. Robert A. Martin Head of Employment Hughes Aircraft Corporation 11940 W. Jefferson Blvd. Culver City, California 90230 U.S. Citizenship is required An equal opportunity employer M & F

Model Abortion Program

Immediate Help With No Delays

WICKERSHAM WOMEN'S MEDICAL CENTER

120 East 58th Street, New York

A COMMUNITY ABORTION SERVICE AFFILIATED WITH A MAJOR METROPOLITAN HOSPITAL

Unsuspected safety record of 40-patient and out-patient abortion by Board-certified gynecologists and anesthetists. Few cases of abortion procedures.

Pregnancy:

up to 10 weeks, $90

up to 12 weeks, $120

12-24 weeks, $180

Mechanical induction, $100

Free services available to abortion patients include psychiatric counseling, family planning and birth control. No referral needed. No referral fee or coercion solicited ever. Private, Confidential.

For free information, counseling and immediate appointments.

DIRECT SERVICE LINE TO MEDICAL CENTER

(212) Plaza 5-8605

Call 8 AM to 8 PM

Mondays through Saturdays

Some of the current openings at Hughes:

Electro-Optical Engineers

Microcircuit Engineers

Missile Systems Engineers

Weapon Systems Engineers

Components & Materials Engineers

Circuit Design Engineers

**TECHNOLOGY AND CULTURE SEMINAR**

The Antiquity of Technological Society

Weren't! An extraordinary documentary on ways of treating the mentally ill in western Nigeria, filmed by Frank Speed of Ibadan University.

Professor Philip Morrison (M.I.T. Physics Department) will comment on the film.

Moderator: Frank S. Jones (Ford Professor of Urban Affairs)

Respondents: Carl Ogleby (Lecturer at M.I.T., spring 1971), Morton J. Kahne (Psychiatrist in Chief, M.I.T.)

TUESDAY, OCTOBER 12

5:15 PM - Lecture Hall B 1-150

**Do you think a bright young Electronics Engineer should spend his most imaginative years on the same assignment?**

Neither do we.

You may select specialized jobs, or broad systems-type jobs. Or you can choose not to change assignments if you'd rather develop in-depth skills in one area.

Either way, we think you'll like the Hughes approach.

It means you'll become more versatile in a shorter time. (And your salary will show it.)

**CAMPUS INTERVIEWS**

October 18 & 19, 1971

Contact College Placement Office to arrange interview appointment.