SCEP widens focus to include social life

By Kyle Richardson

MIT's Student Committee on Educational Policy, currently concentrating on the documentation of previously unexplored areas of student academic and social life, will hold its first meeting of the term in the lobby of Building 7 Wednesday evening to discuss proposals for areas of documentation.

Highlighted in these initial efforts are evaluation of the January Independent Activity Period and the preparation of a draft to serve as a model for future independent study course evaluation formats. Evaluation of student time and efforts as well as the final examination are also open for study.

George Flint, student representative to SCEP's faculty counterpart, the Committee on Educational Policy, described SCEP's diluted intent in documentation: "You must realize the number of decisions made at MIT that are based on inadequate information. I'd like SCEP to start looking into some of these untouched areas."

The meeting was held after dinner at the Red Coach Grill and was concerned primarily with the handling of documentation. Flint pointed out the existence of SCEP's proposed research and documentation projects are not without prototype. "A Summary Report on the Freshman Media Study (1970)" a recent SCEP publication, is the product of an experiment begun last March by Grossman. This experiment attempted to collect data on the use of different media, particularly two experimental letters on prospective students' decision to come to MIT, and attempted to sell them to fraternity brothers in an attempt to raise all its funds, approximately $2500 a year, directly to the faculty.

Another special MIT facility, the Television Service, has support from the Air Force that will last until next June at least, but new support from NSF will be necessary after that. Many of the difficulties are due to last year's passage of the so-called "Manifield Amendment," which was an attempt to shift more leadership to non-defense related scientific research to NSF, away from the military. Funds which were cut from the military budget were never added back into the NSF's appropriations.

Cambridge Accelerator

The Cambridge Electron Accelerator, a joint project of MIT and the University of California, has support from the Air Force that will last until next June at least, but new support from NSF will be necessary after that. Although the financial difficulties have forced the postponement of several planned building projects, two of them have a

by Steve Baxter of CP, was comparing his job to that of the president, noted that he had more time to be creative, but observed that last year was "the most a lost year as far as new ideas go." Johnson said that he had the problem of deciding what the individual houses wanted the IFC to do for them. A house president's conference is being planned for the first weekend in November at which this will be one of the prime concerns.

Injunction threatened

The Community Relations Commission gave eight weeks to the house to have its affairs in order or to "cease and desist." The implication of such an action could result in the revoking of the house's license. The license would be forced to close since the zoning laws in the '73-74 catalog prohibit student residences in a "commercial zone." The license was and is a necessity to their financial survival. The implications of such an action could result in the revoking of the house's license. The license would be forced to close since the zoning laws in the '73-74 catalog prohibit student residences in a "commercial zone." The license was and is a necessity to their financial survival.

Johnson said that if the number of his public appearances has been cut by one half since his first year as president because of increased demands for providing "intellectual, valuable stimulation to meet the hopes of so many people at MIT." Wiseman, in comparing his job to that of president, noted that he had more time to be creative, but observed that last year was "at

President Howard Johnson, Provost Jerome Wiener and Chairmen of the National Institutes of Health, Science Director of the Corporation have been described collectively or individually for the Corporation to select the President, "no little group is going to reach a decision alone."
People

Photography by Red Van Derson
Sympathy for the young

By Alon Makowski

A nation driven to use the weapons of war upon its own youth cannot have peace or a decent future. A nation that has lost the allegiance of part of its youth is a nation that has lost the allegiance of part of its future.

It was almost too much for hope. What student last spring could have expected that President Nixon's specially appointed Commission on Campus Unrest would proceed so deeply and courageously into the turmoil that besets our universities? What student could have expected a report echoing the last words of one young American who has voice?

Hand-packed

The average age of the Commission members was 43. Hand-packed by Nixon's staff, the panel included government figures, campus representatives, and a city police chief, all of whom backgrounds added increased force to the weight of their conclusions and recommendations. They direct their criticism at the government, the university administration, and the students; their suggestions are also offered for all three groups. Still, their sympathy for the young cannot be denied.

And, though the report was written for the entire country, much of its finding applies usefully to our own campus. The MIT community must thoughtfully consider the Commission recommendations.

Campus unrest

The national campus environment has changed dramatically since last decade. America's students, once content to docilely pursue their studies, are no longer content to passively accept a mechanistic approach to education, today's generation has demanded an alternative to assembly-line methods.

The Presidency

As for understanding, the Commission notes three feet for campus unrest: "the war, racial injustice, and the university itself. A student who is part of a student concern stems from an emerging life style encompassing "high ideals and great fears. The students stress the need for humanity, equality, and the freedom to express themselves. But among the members of this new generation has been found a growing impatience and intolerance for the traditional American goals and goals. This attitude is mirrored in a widespread refusal among adults to face the problems. Agnew labeled this notion as a "moronic base for research". This would build a non-controversial base for research. This would build a non-controversial base for research.

New funding short

MIT's deficit from severance will not be as easy to correct. John J. Draper, MIT's president, argued why this money would be made available. Draper said that new sources might be needed tens of millions? What lesson will the incident teach MIT about over-reliance on untenable government funding? During the divestment debate last year, Professor Jerome Letvin proposed that MIT and other leading universities form a research consortium to license patent rights to university-developed technology and plow the profits back into funding the research. The idea would be a stable, much more reliable, and non-controversial source of funding. Let's see if MIT gets the needed tens of millions? What lesson will the incident teach MIT about over-reliance on unstable government funding?

Letters to The Tech

To the Editor:

I'm writing to ask for a correction of some facts which appeared in the September 22 issue of The Tech in the article headlined "Students Face Job Shortage". There are three errors which concern me:

1. The Institute borrows from private sources, not from the U.S. Treasury.

2. National Defense Loans have interest of 0 percent while a student is in school and 3 percent (not 3/4 percent) after leaving school.

3. Technology Loan Fund interest at 0 percent while a student is an undergraduate and 6 percent thereafter.

I am writing this letter in hope of those facts in future issue to preclude confusion on the part of students.

Daniel T. Langdale

Asst. Vice President

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involved in seminars and also to accept some students eventually. I'm not averse to teaching, but I'm not doing any at the moment. On the other hand, I think we have done a lot of teaching at the post-doctoral level in the past 18 years. I have always had people who had received their Ph.D. and were in the process of crystallizing their ideas about their future and were at the point of making a serious commitment to research and teaching a career. The people who come to us are from different countries; in fact, from about 27 different countries. Often they have gone back to take up academic positions in their own countries, so quite a number have taken appointments on this continent. I am proud to say that at least 80 to 90 percent of my former colleagues have gone into teaching or research careers.

Prof. Khorana also pointed out that his name had been included in the application for the National Institutes of Health-supported training program under the administration of the Chemistry and Biology Departments and that he

would be involved in those programs.

The Tech: Was there much concern on your part about the disturbances at Wisconsin? There was a lab blown up — was that a factor in your decision?

Khorana: I feel it was not a factor, really, more it was the reasons I have mentioned. My decision was made before this, but, on the other hand, at the time I made this decision, the Wisconsin campus was quiet and the MIT campus was not. Campus unrest is much more of a national problem and by large the solutions have to be found on a national scale.

Khorana: Well, yes, it's certainly not a happy situation — it doesn't promote the tranquility that one needs to do his research and not to any intellectual pursuits. Certainly it is a very trying experience to see so many people in the Physics Department demoralized after this disastrous thing, the bomb. I had several good friends there in the Physics Department. They were doing classified research in that building; in fact, because of problems the University of Wisconsin had appointed a committee last year to investigate the total situation in detail and had made its report available to anyone who wanted it, explaining in detail what program was being followed there.

It is true that part of the financial support was coming out of the armed forces from the Army but the research work that has been in progress there in recent years has been as unclassified and as academic as any other program that is department.

The Tech: Last summer, when you first synthesized a gene, was it a big triumph or was it something you had been working on for so long that it just came gradually?

Khorana: It came very gradually. It came after a lot of sustained effort in developing basic chemical methodology — chemical work that we had undertaken in the fifties — into connecting the building blocks that are found in polynucleotides chains of nucleic acid. Our recent ability to put together the gene by purely chemical methods as well as the work we did earlier on the genetic code was the availability of chemical methods to put together chains of nucleotides in any given arrangement of the individual nucleotides.

The Tech: When the announcement was made last summer that you had successfully synthesized a gene, it was reported that you would work next on one of the genes of an enzyme. That is the stage that this work is at.

That would be the line that we would be pushing much more here. The many applications that perhaps will follow will depend on how regularly we arrange and assemble that gene.

Prof. Khorana went on to say, however, that he foresaw no immediate practical application for the artificial E. Coli gene.

The most immediate applications that he saw for artificial genetic material would be in correcting inborn genetic defects. Most such errors result in metabolic disturbances, such as diabetes.

While noting that it is very difficult to set a time scale, Khorana felt that the artificial breeding of people using natural egg might be possible within 25 years. He noted, however, that such advances often invalidate such predictions.

Khorana admitted that the control of such biological techniques would be a "very difficult problem, sociologically." However, he asserted that it is "better to take a positive attitude."

"To say that we must stop working on such and such lines of work because of the immi-

saneous danger of exploitation is really a sterile attitude," he said. After all, all human knowledge has this duality; the humility of human nature to use it for good or for evil. Take any invention or discovery: the ability to make fire, the discovery of the internal combustion engine — the society always has the power or the choice to use it for good or bad. Of course the greater the poten-

tial of a discovery, the more serious the choices becomes. Scientists must be conscious of the implications of their work, but Prof. Khorana also asserted that the main responsibility was society's.

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Sympathy for the young

(Continued from page 4)

rapidly over the past few years. Once again, the univer-
sity can be blamed for the war.

Analysts agree that Nixon's "idealism" is flawed.

Vice President Agnew's own reaction. ..And the report suggests

government, the Commission closes its re-

Letters...

(Continued from page 4)

needed the equivalent anyway, both in his dealings with the

be in peril of their jobs. Never.

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PLANNING...
Deficit threatens research

CSP expands range beyond academic arena

(Continued from page 1)

The Green Eyes
7:05-10:10 Sun Mat
4:00 & 1:30-9:45
THRU TUES!

The Ballad of Cable Hogue

(Continued from page 1)

1.31

Abandoned, there is a possibility of
even a large, established com-
pany. However, he
any would have difficulty rais-
ing such a sum,- let alone a small
company. Nevertheless, he
cause hoped-for new contracts
were not forthcoming, invest-
ment can only be expected from such
projects. Moreover, it is
likely that the present DOD re-
source for the D-Labs. After the
labs become a separate division,
would pay MIT for over-
head services on a pro-rata basis.

Mather said that the Draper
laboratories would be operating under
a reduced budget. Mather noted,
and will said the Lincoln
laboratories would be
be paid by the letters,- the letters
have already been given to the
Institute specifically for that
purpose.

Westgate II
Bids for a new "Westgate II"
were received this week, and the
project will go ahead if costs
are low enough and state assisted
financing can be arranged.

In an interview with The
Tech, Cowen predicted that,
contrary to the hopes of many,
freely available research money
will not return once the Vietnam
war ends. "The money isn't
likely to flow as easily as in the past," he
remarked.

Operating deficit
Discussing the Institute's op-

CSP members working on SCEP projects.

(Continued from page 1)

IL...I.

information talks between prospective
students and MIT students,
especially in the Spring, to an-
swer any questions they may
have about life at MIT; that
the Office of Admis-

sion will review the impact of its interview
of prospective students on
those students; and that there should be
serious reconsideration given
to the value of "introducing MIT, 'Humanities at MIT' and other pamphlets of a similar
name."

"This kind of documentation (e.,
Prospective Freshman Media Studies) is prototypical of the kind of stu-
dents we'd like to get into,"
commented Grossman on
Wednesday. "I'd like to see, too,
a participant-observation study
of the life style of MacGregor,
since that'll influence the layout
of future dorms." He added,
"MIT academic credit may be
arranged" for SCEP members
working on SCEP projects.

lab spin-off to take 3 years

(Continued from page 1)

lates too-hasty divestment of
deficit money in order to use it
over 25 million dollars. This
will be totally unacceptable,

Contracts adjusted
Cowen does believe that
or three years would be
enough to amend present rec-

the Office of Admis-

sions, and other offices con-

with how prospective stu-
fentcs view their image of MIT. Analysis of questionnaires
to 800 prospective stu-
nents revealed that a total of
more than ten or fifteen
response percentage seems to
be stable, with the letters-
the letters do not have a significant
impact on the 3 percent but not in
an uniform manner.

Further analysis indicated that "the attractiveness of mul-

try, in general, seems to be
a distinct impact on a
combination of factors, including
rejection or joining admission to MIT."

Grossman concluded his re-

course to a corresponding increase in overall enrollment on the
arrangement of

the creation of a separate and
independent bookkeeping sys-
tem for the D-Labs. After the
labs become a separate division,
they would pay MIT for over-
head services on a pro-rata basis.

During the second semester,
D-Lab fiscal troubles would be compounded by a lack
of possible sponsors and the
intractability of investing money in
such a project. However, it is
likely that the present DOD re-

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Visit General Builders Supply Co. for

Cinder blocks and board (cut to your
order) for rock-bottom economy. 

KV Shelf Hardware for first-class appearance and versatility. Easy
installation and setup in seconds.

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Like to rap?

Shoot for the TECH!

First meeting for all interested photographers will be

Saturday, Oct. 3, 3:30 pm
Tech Office, MIT Student Center

Experience welcome but not necessary

THE TECH FRIDAY, OCTOBER 2, 1970 PAGE 7
MAN against MACHINE

...even David needed a slang to slay Goliath.

How would you thieve what you think is a technological invasion of your privacy?

How could you undermine the credibility of a national data bank?

We all know someone whose credit has been revoked because they were billed for goods which they never purchased. The FBI may wish to "tag" your library card. There is a computerized list of "potential troublemakers" at the Justice Department.

Our effort should be completed shortly. To be included, your proposal(s) must be received by November 20.

The People's Forum and Daily World present: Dr. Herbert Aptheker speaking on "United States Foreign Policy and the New Analytic," Sunday, October 4, 2 pm, Hotel Bradford, 275 Tremont St., Boston, Admission $1, students, GIs, unemployed 50 cents.

For side - gay hemingway sport jacket, also 39 long, excellent condition - call 547-9389 after 5.

Members of the MIT Community are cordially invited to an organizational meeting of the to-be-formed Hobbit-Club featuring The Wizard of Id; missing (general) Tuesdays' and Fridays' visit The Tech Office, Room 920-Wednesdays or Saturday nights. First come, first served.

SAE "A" remains on top as favorites win

The opening week of intra-
mural football saw so great up-
sets in any of the important

games, as a league competition. DTD took SAE 'B' 26-6, BTP took PDT 'A' 27-0, LCA took

DU 50-0, and SAE 'A' took

PLP 37-7.

In the SAE 'B' DTD game, DTD controlled the ball for most of the time. The Deli defense complemented their of-

fense's four touchdowns with 4

interceptions, two by Rich Nye.

Frank Taylor, Tom Detty.

Holcomb hurls 3 hitter

as batsmen top BU 4-3

By Steve Goldstein

The tech varsity baseball

team got back on the winning

track for the fall season on

Tuesday by taking a usually

from two disasterous losses to

BUJ at 4:00 pm on Briggs

stage for next weekend's

BTP-SAE 'A' confrontation.

Wayne Flagnes and Jim Shields

paced a well balanced offensive

attack.

BTP was paced by captain

Bill Pinkow, with two touch- downs in shutting out PTD 27-0

while Mike Ashmore scored four

as LCA wallowed DU. Jerry Low

also contributed two TDs. SAE

showed why it is still number one by topping PLP.

This weekend sees more
games in the schedule setting the

stage for next weekend's

BTP-SAE 'A' confrontation.

SEE JERRY RUN. All New-England Tech booster Jerry Mackiewicz '71, shown here with three of the finest soccer players around by leaving two visiting defenders in the dust (above) and demonstrating a

little ball control (lower r.). The booters meet Trinity on Saturday in last year's 4-1 loss. With personnel like Mackiewicz around, it makes it a lot easier.

The Tech attack, rebounding

strong BU squad by a 4-3 score.

Sailing(F) - Octagonal, home, 9:30 am

Sailing(V) - Wood Trophy, home, 9:30 am

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