

I
23

Loc Lawrence
Res - Current
Pen Mailing
230)
Park Ave
N.Y.

A major discovery relating to the
 action of light on certain classes of
 microorganisms was recently made
 by A. Keller. The feature in the case
 of strept. pyis. that ~~it~~ of exposure to ~~ultra-violet~~ light
~~which had been kept in the dark~~
~~of strept. pyis. to U.V. radiation~~
~~which reduced~~ ^{in dose} ~~the number of viable organisms~~
~~in a small fraction of the that~~ ^{originally} ~~present~~
 It was ~~found~~ ^{found} that ~~of strept. pyis.~~
~~one exposed to a suff. high dose of U.V.~~
~~radiation~~

A. Keller has recently discovered ^{*}
 that ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~case~~ ^{case} ~~of~~ ^{of}
~~strept. pyis.~~ A. Keller has ~~recently~~ reported
 the discovery that ~~in~~ ⁱⁿ ~~the~~ ^{the} ~~case~~ ^{case} ~~of~~ ^{of}
 can reactivate ~~microorganisms~~
 microorganisms which have
 been rendered non-viable by
 exposure to U.V. radiation

We have attempted to do ~~we~~ ^{we} have ^{the} ^{kindness} ^{of}
~~attempted~~ ^{attempted} ~~to~~ ^{to} ~~do~~ ^{do} ~~we~~ ^{we} ~~have~~ ^{have} ~~the~~ ^{the} ~~kindness~~ ^{kindness} ~~of~~ ^{of}

had in our experiments a value
 of about 2.5. ~~This is the value~~
~~of the refractive index of water~~ ~~at 15°C~~ ~~which is~~ ~~so~~
~~close to the value of the refractive index of water~~
 the straight line C in
 figure (1) which is obtained
 by plotting ~~the number of survivors~~
~~against the dose of U.V. radiation~~
~~for each U.V. dose D~~ that U.V. dose L that
 would give the same number of
 survivors without the use of light
 as D would give with the application
 of light. ~~At this point the straight~~
~~line should be the straight~~
 time $L = \frac{D}{Q}$ where $Q = \frac{1}{2.5}$

~~the number of survivors~~ ~~at the~~ ~~same~~ ~~time~~
~~as the number of survivors~~ ~~at the~~ ~~same~~ ~~time~~
 to U.V. irradiation; ~~at~~ ~~the~~ ~~same~~ ~~time~~
 number of doses D of

then allowed the bacteria to
 grow in a liquid medium ~~and~~
 so that they pass until they
 have passed through ~~the~~ ~~medium~~
 from ~~the~~ ~~number~~ ~~of~~ ~~mutants~~
 that ~~will~~ ~~be~~ ~~resistant~~ ~~to~~
 phages types T1, T6 and T4

mention in some detail ~~and~~
~~the~~ inside in ~~the~~ ~~request~~ ~~of~~ ~~the~~ ~~data~~ a
 strain of coli B/r. Curve A in
 Fig (1) shows the survival as a
 function of the U.V. dose ~~in~~
~~of~~ a suspension in saline (after
 about 12 hours of incubation) exposed
 to ~~the~~ the radiation of a "steril" lamp
 Curve B shows the number of survival ^{at 50 cm distance}
 as a function of the UV dose if the
 UV irradiation is followed by irradiation
 with visible light for an hour ~~the~~
 at 9" from a low watt projector lamp.

~~the~~ ~~data~~ ~~was~~ ~~the~~ ~~same~~
~~As~~ ~~the~~ ~~data~~ ~~was~~ ~~the~~ ~~same~~
~~the~~ ~~data~~ ~~was~~ ~~the~~ ~~same~~
~~the~~ ~~data~~ ~~was~~ ~~the~~ ~~same~~
~~the~~ ~~data~~ ~~was~~ ~~the~~ ~~same~~
 We found that if $S(D)$
 denotes the number of survivors as a
 function of the dose UV dose D then
 the number of survivors ~~at~~ (Curve A)
 obtained ~~with~~ of the UV dose
 is follow up by exposure to light (Curve B)
 is given by $S(\frac{D}{Q})$; where Q
 is a constant that does not
 depend on the dose D and

~~The pH of the solution is~~
 then as the function of the force
 D, - ~~the pH of the solution~~ when we exposed
 the

~~A number of our~~
~~advisors~~

- ~~a) The issue of Wages and work rights~~
- ~~b) The issue of the public school system~~

~~and one) ^{and have also} ^{argued for} ^{the} ^{other} ^{potential} ^{freedom}~~
~~One (at ^{the} ^{same} ^{time}) ^{concerns} the~~
~~civil rights of W members~~
~~and the public school system~~
~~that the Council holds~~
~~that freedom members~~
~~should be permitted to hold~~
~~views and engage in actions,~~
~~however public or private~~
~~such views or actions may~~
~~be as long as the rest of~~
~~the citizens of this country~~
~~may lawfully hold these~~
~~views and may lawfully~~
~~engage in such actions. The~~
~~Council holds that freedom~~
~~members right to engage in~~
~~the full right of citizenship~~
~~which is superseded by the~~
~~constitution~~

The Council views with
great concern the pressure
which is being put these days

At this time there is a
word in pressure being put
in many of our Universities
many of the men of the U.S.
are exposed to pressures
which make it difficult
for them to comply or
to remain in their faculty
positions and scholars
who are in one way or another
identified in the public
mind with the Communist
movement in the U.S.

The Council views this
pressure which appears to
be on the increase with
grave concern and considers
it of great importance
that it be resisted by our
Universities.

There appear to be no
major issues
There appear to be
no major issues involved

for selecting candidates for
Faculty membership
in deciding on
in choosing the members of
their faculty. -

~~In using the word "competence" the Council
does not ~~intend~~ intend to
put does not use this word~~

~~In using the word "competence" of
the English faculty mean
competence in the narrow sense
of~~

The word "competence" is not
used here in the narrow sense
of "the power at the base of an
able accumulation of technical
skills" - ~~At least the~~
the task of a University goes
beyond guiding its students
to ~~performance~~

~~The Council~~
~~that is~~
~~the Council~~

The Council also holds that
no lawfully ~~expressed~~ act,
lawfully ~~expressed~~ act, ~~involving~~
the expression of political belief
or other political ~~act~~ activity
should be held against anyone
seeking to join the faculty
of a university.

The other issue concerns the
maintenance of an intellectual
and moral atmosphere at our
universities which the
Council considers essential
for their prosperity.

The Council believes that the
~~the best~~ ^{individual} ~~in the U.S.~~
Our members have provided
by and large in proportion
to the degree to which they
succeeded in making the
~~the best~~ scholars or
scholarship men in
his chosen field of work
the role of the ~~the best~~

and not on the basis of
his associations or his
political activities

It has been argued that ^{in some way} ~~communists~~ ^{with the aim of} ~~lack intellectual~~ ^{of more}
~~integrity~~ ^{individuals} should be excluded ^{as opposed}
from the ^{of our} ~~universities~~ ^{to} ~~and persons~~ ^{to}
~~and this has been argued~~ ^{because}
because

- 1.) They lack intellectual integrity
- 2.) They have the ~~are following~~ ^{are dependent} ~~a political, historical and economic~~ ⁱⁿ ~~background and economic theory~~
- 3.) ~~They lack~~ ^{are dependent} ~~loyalty to their own nation.~~

This is true also of many other groups that might be suspected

The Council holds

- 1.) That while it might be true that the ~~not~~ ^{not} ~~majority~~ ^{majority} of the communists lack intellectual integrity ~~that is no reason to~~

is an
care

Men

~~A man who~~ ~~with~~ ~~subsequent~~
in ~~teaching~~ ~~an~~ ~~un~~ ~~desirable~~
~~member~~ ~~of~~ ~~the~~ ~~staff~~
may be ⁱⁿ considered ~~as~~
lacking ⁱⁿ competence for ~~any~~
~~educational~~ ~~student~~ ~~field~~ ~~of~~ ~~work~~
A man ~~who~~ ~~in~~ ~~closed~~ ~~his~~
~~own~~

Men who believe to be ^{the} ^{with} ⁱⁿ ^{the} ^{possession} ^{of} ^{truth}
and who ~~follow~~ ~~propaganda~~
of ~~any~~ ~~kind~~ ^{and} ^{are} ^{bound} ^{to} ^{be} ^{disqualified}
in a field of knowledge
where ~~truth~~ ^{is} ^{undergoing}
a ~~rapid~~ ~~trans~~ ~~grading~~
for the truth is still
the adequate approach.

any field of work within
the realm of ~~academic~~
~~life~~ — the pursuit of knowledge.

~~Each individual must be judged on his merits~~

No hard and fast criteria
for competence can be given
~~Each~~ ~~individual~~ ~~must~~
must be judged on his merits

an open mind in the
field of chemistry physics
or biology and be excluded
from working in this field in
a university

Invent.

~~It is inevitable that members
of the faculty ~~as they grow older~~
as they grow older and
will naturally as they progress
in their studies close
their minds on more
and more of the questions
which they as they reach
more and more conclusions
as they approach maturity.~~

~~This neither desirable nor
possible to keep an open mind
on all issues for all times
but the University while
they can not keep!~~

The University can not expect
the members of their faculty
not to close their minds on
controversial subject
but the University can take

to exclude an individual
communist & who ~~possesses~~
~~the~~ has intellectual
integrity. There are many
~~groups~~ other than the
~~communists~~ whose majority
lacks intellectual integrity.

2.) That the ~~discovery~~ ^(employment) of political
dogmas in the field of
political historical and economic
science by the communists
and other groups is shared
by certain other groups
it is a fact which has
to be kept in mind and
that care must be taken
that the followers of the
communist dogma or any
other dogma shall not
~~then~~ become predo-
minant in any one
department of the uni-
versity. But that this
is no reason ~~should~~ only
~~whole communist should~~
not by an individual
communist when through the
his mind is closed on this
subject should not have

chosen field of work
say in physics, chemistry
and botany, and
if so ~~he~~ should be permitted
~~to compete in his chosen~~
~~field on equal terms~~

~~may be a desirable member~~
~~of the Department of~~
~~physics, chemistry and~~
~~botany~~

he should not be discrimi-
nated against simply because
~~he~~ wishes to work at
his chosen field of
work at ~~the~~ same of
our university is

3.) The laureate does
not believe that the degree
~~physicist~~ of a man for
his ^{own} country is a ~~useful~~
entirely ~~useful~~ which
is capable of being applied

one has more in ~~the~~ the
social sciences and humanly
a sufficient high degree
of diversity ~~than~~ than
~~any~~ degree of those who
are inclined to follow
the major trends of the
present theories.

~~There is no danger involved
of an individual who has
the communist ^{view} point of
view in his political
theory or~~

As long as such diversity is
maintained the presence
of one individual who follows
~~total~~ ^{with} ~~the~~ the communist
thesis ^{will} represent no danger
to the free enquiry in which
the University must be devoted

Moreover a man who
follows the communist thesis
in political or economic
theory can still have a perfectly
open mind in ~~the~~ his

of the day

Loyalties from these public utterances will disclose a

These loyalties are frequently contradictory with each other ~~and in the conflict~~ but the conflict does not become manifest except

~~that there are not aware~~

Most would contradictory loyalties are

the rule rather than the exception and most men ~~are~~ are not aware

of their line, and often

contradictory loyalties, until in some exceptional when when the conflict with which they are faced the conflict becomes manifest,

in practice in selecting
individuals for appropriate
ments & ^{made}

W. W. Wood It is recognized
that the state demands
that in this century ^{there is a public demand}
~~all the individual states~~
~~put a high~~ ^{degree of}
national loyalty and
that the public interferences
of most individuals who
are ignorant of the
need of good public
relations conform to
the public demand
for this commodity.
But in the ~~off~~ ^{off} production
of the commodity most
men are ~~going~~ ^{going} through
life with a ~~weak~~ ^{much more}
pattern of ~~many~~ ^{many} conflicting
loyalties of the ~~state~~ ^{state}
The conflicts become
manifest only rarely

comes in a package.

The Council fears
that a number of ^{our} undergraduates
will be unable to resist
the increasing pressure
and that many will be
forced to resign, ~~at~~
~~which~~ will be dismissed
or will be refused
appointments for ^{political} reasons
~~other than lack of~~
~~competence in the~~
~~branch~~

~~The Council wishes to~~
~~urge the University~~
~~to offer appointments~~
~~to anyone sane of of~~

W

The council see no way of determining the pattern of loyalty of a candidate for faculty appointment of which the candidate is himself not aware.

To take public utterances of the candidate at their face value will not promote anything but hypocrisy.

But Nor does the council see any need to worry about the loyalties of prospective candidates for loyalties are not transmitted from the college teachers to college students. Loyalties grow inside a man they are not handed over across the

has enabled the
Ad. to approve such
app. by the members
of the Faculty receiving
a $\frac{1}{2}$ of 10 out in their
salary

by virtue of their scientific
~~or scholarly~~ ^{work} ~~comprehension~~ and intellectual
integrity.

should
If there ~~will~~ be among
these men any who
in every respect ^{would make} ~~appear~~ to
the desirable members of
^{board at the} ~~the~~ University of Chicago
the Council
~~wishes to recommend~~
and are recommended by ^{it} ~~it~~ ^{by its respective} ~~departments~~
The Council ~~will~~ ^{will} urge the Administration
to ~~approve~~ approve their
appointment without
any hesitation.

The Council is prepared
to recommend ~~that funds~~,
~~be made available for~~
~~the appointment of~~ ~~such~~
to the members of the Faculty
of the U. of Chicago
to make funds available