By Paul Johnston

John M. Wyne, Associate Dean of the Alfred P. Sloan School of Management, has been appointed organization systems administrator.

Visual arts center established

A Center for Advanced Visual Studies has been established at MIT. President Howard W. Johnson announced the new Center in mid-July. Geigy Kepes, painter, author and professor of visual design in the Department of Architecture, has been appointed director. Studios and other facilities for the new center will be housed in the Technology Center, across Massachusetts Avenue from the main MIT campus.

Interplay encouraged

In the new center, painters, sculptors, film makers and writers will work together on projects in visual arts which draw upon the skills of the various disciplines. Exhibition, seminars and other events will be held to encourage interchange among artists and people from other fields. No formal course work is planned.

Activities in the visual arts date back to the very beginning of MIT. "President Johnson said, "and there has been a nurturing of interest in the arts in recent years. This interest may be fostered among students and faculty members in every field. Through the visual arts one can impose form and meaning on the overwhelming complexities of human experience, including those of science, and science today has much to contribute to imaginative new approaches to the arts."

Kepes, painter, author and professor of visual arts which draw upon the skills of the Massachusetts Avenue from the main MIT campus, formerly occupied by the Technology Store, across Massachusetts Avenue from the main MIT campus, formerly occupied by the Technology Store, across Massachusetts Avenue from the main MIT campus, formerly occupied by the Technology Store, across Massachusetts Avenue from the main MIT campus, formerly occupied by the Technology Store, across Massachusetts Avenue from the main MIT campus, formerly occupied by the Technology Store, across Massachusetts Avenue from the main MIT campus, formerly occupied by the Technology Store, across Massachusetts Avenue from the main MIT campus, formerly occupied by the Technology Store, across Massachusetts Avenue from the main MIT campus, formerly occupied by the Technology Store, across Massachusetts Avenue from the main MIT campus, formerly occupied by the Technology Store, across Massachusetts Avenue from the main MIT 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Every Tech man and Tech gal, too, joins the Coop. The Coop is conveniently located in the MIT Student Center with ample store hours—six days a week. (Lobby Shop is open from 8:30 am to 9:00 pm, daily except Sunday.) As you and Tech students before you (since 1916) know you’ll find all you need in the way of textbooks, school supplies, and day-to-day essentials.

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New library rule

Unlimited faculty borrowing ended

Professor William N. Locke, Director of the MIT Libraries, has announced a change in the rules concerning the amount of time which library materials borrowed by faculty members may be retained without renewal.

The rule...

The new rule states: "That the same rules be applied to all MIT staff, students and employees, in order that all books and journals should be on the library shelves and available for consultation by all when they are not in active use."

The rule has been approved by the Executive Board of the Faculty Committee on the Libraries, the Academic Council and the Committee on Educational Policy. It will apply only to materials borrowed after September 1, 1967...

The reason prompting this action was that when renewal was not necessary, faculty members were expected to return material after a semester. In practice, however, a quarter of the borrowed material did not come back after a year, and there were no fines. Now the same borrowing period applies to everyone in the Libraries. At the end of this time all borrowers will have to renew books which they wish to keep longer. Renewal may be done over the phone, and the number of renewals is unlimited. Like everyone else, faculty members will be expected to pay fines for materials kept beyond the due date.

In the case of rare or expensive materials needed over a relatively long period for special purposes the Director of Libraries may set an extended borrowing period.

"Long range goals the key to orderly growth": Wynne

(Continued from Page One)

From the increase in new buildings needed to accommodate expanded departments comes the need for an expanded faculty and staff. Finally the amount of money needed to carry out the plans can be calculated.

Mr. Wynne intends also to look at the general information systems of the Institute. Here, he feels that the job is to review how decisions are made, and to see that information is available at those levels where it is useful.

Mr. Robert Simha, Planning Officer and the Office of Institutional Studies under the direction of Mr. Dean L. Jacoby will work with Mr. Wynne.

Mr. Wynne received his BA from the University of Kansas in 1949 in Political Science. Following war service as a lieutenant in the US Navy, 1942-46, he was employed by the US Air Force at the Sacramento Air Material Command, where he became chief civilian accountant. In 1956 he received his Master's degree in Industrial Management from MIT. Two years later he came to MIT as Director of the Executive Development Programs at the Sloan School, serving in that post until 1961 when he became Associate Dean of the School. He is a member of Phi Beta Kappa and was a Sloan Fellow at MIT during 1955-56.

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WE HAVE A SHUTTLE SERVICE TO CENTRAL SQUARE & M.I.T.
With characteristic government unubility, the Department of Health Education and Welfare, on behalf of the Federal Government, has demanded certain data about MIT students to be broken down according to the categories of white, Negro, and "other." For MIT which has elected to comply with the new regulation rather than appeal to the courts, it presents a major departure from historic precedent. Never before has the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subtlety, the Department of Health Education and Welfare, on behalf of the 'other' subst...
New fresh prove brightest ever

Data on the Class of 1971 shows that, as expected, this year's Freshmen are the smartest yet. The CEEB test scores of this class increased an average of seven points over the Class of '70's showing. The average Math Achievement score this year was 77, and about 85% of the incoming Freshmen were in the top tenth of their class.

Geographic variety: There are 817 members of the class, including 52 women and 42 foreign students. In all, 69 states (South Dakota is the exception) and 21 foreign countries are represented. More than 46% have qualified for advanced placement and degree credit, and nine qualified for admission after only three years of high school.

Housing shortage strikes; 42 freshmen left roomless

A housing shortage is once again a problem at MIT, as there are still 42 freshmen who have not yet been given room assignments.

The Freshman Handbook was published. Kenneth R. Wadleigh, Dean of Student Affairs, expressed the hope that these procedures would be enough to provide room for everybody by Registration Day.
Dr. Klaus Biemann to become McCormick Hall housemaster

Dr. Klaus Biemann, a native of Innsbruck, Austria and Professor of Chemistry at MIT, has been appointed new housemaster of McCormick Hall. He and his wife, Vera, and their two children, Klaus Peter who is seven and Betsy who is three, succeed Professor and Mrs. Lynn S. Bryant who will return to their home in Winchester, Mass.

PhD in Chemistry at MIT, has been selected to membership in the American Academy of Arts and Sciences. All three Coolidge Bank Offices are open from 9 AM to 9:00 P.M. on Thursday and Friday.

All three Coolidge Bank Offices are open from 9 AM to 12:00 noon on Saturday. At the Cambridge office you can bank till 9:00 P.M. on Thursday and 8:00 P.M. on Wednesday.

We encourage self-sufficiency. We sell you Erecta-Shelf panels and leave it up to you. Assemble them for a vertical or horizontal bookcase. Or make a cabinet for your television or stereo/hifi set with room for records. Divide a room with an Erecta-Shelf bookcase or keep a corner “booked up” solidly. Since you can attach panels at any height to make the unit taller, longer or deeper, ideas are endless Erecta-Shelf’s versatility and your imagination become an unbeatable team.

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MIT and Harvard plan joint life-sciences work
by David Meldred

MIT and Harvard University have joined forces to explore the various applications of their complementary resources in the life and health sciences. This two-institution effort will seek opportunities for collaboration in basic and applied medical research, education, and in medical care.

In recent years, biochemistry and molecular biology have been of primary importance for basic medical research. While this trend is likely to continue, medical progress will depend on further advances in instrumentation and technology. Indeed, many fruitful areas of cooperation between the biological and physical sciences remain untapped.

The purpose of collaboration is to utilize the expertise for the benefit of society. President Johnson pointed this out when he said, "Rising from the scientific base the super-structure of technology relates to the imaginative and economic application of ideas to human needs.... We must find ways to place new emphasis and attention on the systematic nature of large-scale human uses of technology.

Joint Liaison Committee
A Joint Liaison Committee of Engineering and Living Systems
(See next Page to read)

Minot research planning extension of health work

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ME design course seeks crime prevention devices

New ideas sought

Sports car magazine visits MIT

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Filtepacks. Four handsome models to choose from, made of handsome, durable "Skai". The Filtepack features convenient zipper top and front. Light and easy to carry (especially for air shuttling), Filtepacks are perfect for the person on the move... moving around with the smartly-styled Filtepack.

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With the domestic automobile industry under fire from many quarters for failure to produce engineering progress in safety and performance and sports car manufacturers continually looking for ways to improve their vehicle's performance, it is hardly surprising that many automotive people are "discovering" the value of applying scientific principles to practical problems. Recently Sports Car Graphic magazine visited the Institute and found a rich source of new ideas on automobile design.

Complete design course

In its October issue, SCG covers some on-campus automotive advanced vehicle design in the country is Professor R. E. Desprez Larmier's subject 2.01J, Automotive Vehicles. Each year, students are assigned a project that would silently call police during a break-in without tipping off the world-behind burglars.

Mass. leads course

The course is directed by the Department of Mechanical Engineering's Design Division, headed by Professor Robert W. Mans. The teaching is done by a team of professors, headed by Professor Igor L. Paul, assisted by Professors Mane, Frank McClellan, Herbert Richardson and Thomas Sheridan. Each year the subject area chosen is different. For example, previous classes have worked with automobile safety and inter-city transportation problems.

The institute's unique sports car club also received substantial coverage. Understandably more technically oriented than most similar organizations, the MITSCC enlists course VI men to design such equipment as timers and other devices pertaining to automobile racing.

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Members of The Velvet Underground, the hard rock major label recording artists, are (left to right) John Cale, Lou Reed, Sterling Morrison and Maureen Tucker. The Velvet Underground will appear on stage at the Savoy Theatre, backed by the psychedelic effects of Great Eastern Lights, preceding four performances of "The Happening" starring Anthony Quinn.

By Jack Donohue

"The Happening," a comedy starring Anthony Quinn, will open tonight at the Savoy Theatre, accompanied by an on-stage happening. The Velvet Underground, formerly with Andy Warhol's Exploding Plastic Inevitable, will team up with David Hahn's Great Eastern Lights for four performances, September 22 and 23 at 8 PM, and September 24 at 5 PM and 7 PM before the movie.

The Velvet Underground has cut a Verve LP. Their show has been described as "a rhythmic tidal wave of sound and light." They have appeared at the Boston Tea Party (which, incidentally, is David Hahn's brainchild).

Lou Reed, who writes much of the material for the group, is the lead vocalist and lead guitar. John Cale plays electric viola piano, and organ, is a graduate of the University of Wales, and came to this country on an Leonard Bernstein fellowship. Sterling Morrison, rhythm guitar and bass, is a graduate of CCNY. Maureen Tucker, the group's drummer, is the only female drummer to achieve prominence.

The Great Eastern Lights, formed by David Hahn, an MIT student, has a staff composed of MIT students. Mr. Hahn's studies of neurophysiology at the Institute prompted his interest in multimedia stimuli, such as his light show effects. His show will employ, among other things, twelve movie projectors.

(Please turn to Page 10)
Mass Electric Media also included in 'Happening'

(Continued from Page 9)

The Boston Tea Party was its first venture. The Party first ventured into the scene.

I The Tech, "The Avant-Garde"

lu ager, he felt that the Great Eastern Lights would afford them a wonderful view of the Charles, Beacon Hill, and the Boston Skyline.

Great! Brother mushing in the dark, it's a beautiful sculptured grip. And the point can be adjusted by a dial, to the exact angle at which you write.

The new Parker 75 is a finest personal-fit pen you can buy. Parker, a quality product from Parker, is glad you enjoy it. And the point can be adjusted by a dial, to the exact angle at which you write.

"Seerunin' (For My Baby)," a satire on drug addiction. Their first album contained a song called "Herein," which portrayed, with a throbbing rhythm, the reverie of a heroin addict. Unlike acid rock groups, like the Grateful Dead, they do not feel the need for drug use, and find their music sufficient to expand the mind. Other sections on the album include "Gift," a musical narrative, "White Heat," and "If I Come Now."

When questioned as to future appearances, Mr. Sesnick said that, if they appeared in Cambridge, they would like to appear at MIT.

400 MEV accelerator

Work begins on Middleton LINAC

Initial work has started on fabricating equipment for a 400 million electron volt linear accelerator for Middleton in Essex County, Massachusetts. The construction is expected to begin early in the fall.

Contract awarded

The US Atomic Energy Commission (AEC) has issued a letter contract with MIT for construction and operation of the LINAC, and has, in turn, awarded a $1.5 million contract to Energy Systems, Inc., Palo Alto California, for fabrication of the LINAC's radio frequency system.

Scientists from MIT and other scientific institutions will use the high intensity beam of electrons generated by the instrument to investigate the structure and properties of atoms and nuclei. In addition to providing the beam, MIT will oversee more than fifteen percent of the total expenditures. Coordination of all activities will be the responsibility of the AEC.

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$5,000 for less than $18 a year

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Technology to aid medical research

(Continued from Page 7)

has been established with
autorizations focusing on three
areas in the fields of medicine
and health: research, education,
and medical care. The members of
the MIT Liaison Committee
are Professors Jerome H.
Wender, George B. Breunig, Dean
of Engineering Research; Robert
D. Wahl, Dean of the Graduate
School; Professor Edward H.
Humphreys, Department of
Chemical Engineering Biophysics;
and Philip A. Dickerson,
Department of Mechanical Engi-
neering.

Plan of operations

The Center will seek to apply
operations research and computer
automation to increase the effi-
ciency and precision of hospital
functions from laboratory testing
to drug administration. New
analytic instruments for the
diagnosis of body functions will
substitute the physician's diagnosis.

Artificial organs

The Center will work on the
development of artificial organs.
These machines may be in the form
of an artificial organ, such as a
kidney; a feedback servo-mech-
anism for automatic control of such
physiological functions as blood
pressure; or a sensory aid to
help the blind to read.

Precious collaborations

Collaborations in research be-
 tween Harvard and its affiliated
hospitals and MIT in the medical
area is not new. Among recent
eamples of such joint efforts are:
the study of neural mechanisms
of hearing, the investigation and
design of intensive care units,
and the development of more
efficient nomeubles to use
such devices as the artificial
kidney or in heart-lung machines.

Med school applicants
to hold advisory meeting

There will be a meeting of
fourth-year students and all
other students planning to enter
medical school in September 1968 to
discuss medical schools and other
matters related to making appli-
cation for admission to medical
school. The meeting will be held
on Thursday, September 21, at
7:30 p.m. in the Bush Room (3E
105). Members of the Premedical
Advisory Committee will attend the
meeting.

Dr. Francis Bitter dies
at 65 in Hyannis home

Dr. Francis Bitter, professor of the Department of Geology and
Geophysics and one of the world's leading authorities on
magnetism, died last July 26 in Hyannis, Massachusetts, after a prolonged illness.

Born the son of the distinguished sculptor, Bitter graduated from
Columbia University in 1904, and received his Ph.D. in 1918. After
studying under Dr. Robert Millikan, Bitter joined the Department
of Physics and Metallurgy. In 1918 Bitter achieved the first sustained
movement of our

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Cycling is one of the many Tech sports that emphasize both physical and mental fitness. Rugby, gymnastics, water polo, and many other sports are mainstays of the club sports engaged in around Tech, reflecting the diverse interests and talents of the student body.

"Sports at MIT?" asks the entering freshman when he first encounters the extensive athletic program available at Tech. "That I thought all you did was study." This reaction is typical of the most popular misconception about the MIT athletic program.

Varsity, freshman, club and intramural sports are almost every imaginable sport the'gymnast entering the MIT athletic program would have encountered. The fortunes of the freshman, Varsity, junior varsity and club teams are controlled by the variances in the enrollment of students during the academic year. The intramural program controls the fortunes of the teams in a way that is independent of the enrollment at MIT.

Soccer is one of the more popular intramural sports for which the interested player may participate.

In sports

Spring captains named

By Stan Kass

As the term came to a close last spring, MIT announced the names of seven athletes chosen to captain this year's baseball, lacrosse, tennis, track, golf and crew teams.

Leading the entering senior nine on the baseball diamond will be Rick Young. Rick, a senior, hails from Berkeley, Missouri. For the past two seasons, Rick's hitting has tormented opposing pitchers to no avail. In his sophomore year, he hit .348 and was named all-league. In his senior year, he hit .305 and was named all-league. Rick is a solid center fielder and one of the top basketball players in the nation.

In his senior year, Rick was named all-state and all-region. He is a solid pitcher and one of the top basketball players in the nation. Rick's aggressive play and spirit will be invaluable in Tech's attempt to improve last year's 4-10 record.

Steve Sydorjak '69 (right), captain of the tennis team, clears the bar in the pole vault. Steve Sydorjak '69, co-captain of the tennis team with a serve. Photo by Ricardo Kim.

Steve Sydorjak '69, a 6-1, 180 lb. senior from Williamsville, New York will captain the tennis team during its fall and spring schedules.

Denevan showed tremendous improvement last year moving up from sixth singles to first singles. Weinberger played second and third and is the only junior returning to the team.

Steve Sydorjak '69 (right), captain of the tennis team, clears the bar in the pole vault. Steve Sydorjak '69, co-captain of the tennis team with a serve. Photo by Ricardo Kim.

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Tech skaters place third in summer league hockey


IM football opens September 2.

By Pat Green

The 1967 Intramural football season opened on Monday, September 4, 1967. Pre-season practice began the previous Monday with some members of the varsity team participating. The practice was held in the morning in the Varsity Stadium and in the afternoon on the athletic fields.

The first game of the season was scheduled for September 29, 1967. The team will play against the University of California at Berkeley. The game will be played at 1:00 p.m. in Berkeley. The game will be the first played by the team in the Pacific Ten Conference.

The team will practice every Wednesday and Saturday morning in the Varsity Stadium. The team will play its first game on September 29, 1967.

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