

Fraternities Pledge 281:
Down 33 From Last Year

Almost two thirds of the class of 1965 toured MIT's twenty eight fraternities during Rush Week 1961. 356 entering freshmen registered at the Interfraternity Conference clearing house for Rush Week, from Friday, September 8 through Wednesday, September 13. The figure represents a surprising drop of forty one from last year's total of 397 freshmen, the highest number of freshmen at Rush Week since 1958.

By midnight Wednesday. 267 freshmen had pledged fraternities, as compared with a total of 270 last year. The breakdown by houses runs as follows:

- Alpha Epsilon Pi ........... 16
- Delta Chi .................. 9
- Delta Kappa Epsilon...... 12
- Delta Tau Delta .......... 7
- Delta Upsilon .............. 9
- Lambda Chi Alpha ....... 13
- Phi Delta Theta ........... 10
- Phi Mu Delta ................ 11
- Phi Sigma Kappa .......... 9
- Pi Lambda Phi .................. 8
- Sigma Alpha Mu ........... 15
- Sigma Mu ...................... 14
- Sigma Nu .................... 7
- Sigma Phi Epsilon ........ 14
- Tau Epsilon Phi ........... 12
- Theta Chi .................... 10
- Theta Delta Chi ............ 12
- Theta Xi ..................... 14
- Zeta Beta Tau ............... 1

The Tech Announces New Staff Meeting On Tuesday Evening

Prospective The Tech staff members are urged to attend a meeting at 7:30 p.m. Tuesday, Sept. 27, in the Second Floor of Walker Memorial.

The Tech will next publish Wednesday, Sept. 27, Editional, entertainment and sports make up the previous Sunday afternoon, newpaper. Monday evening.

The Tech, which began last spring under the editorship of Mr. John J. Mattill, was conceived with the hope of bringing with it opportunities for persons with journalistic interests. The Tech is making an effort to continue in existence and to become the well known publication it was under the editorship of Mr. Mattill. For the past two years, however, the Tech has been suffering from the loss of Mr. Mattill. For the past two years, however, the Tech has been suffering from the loss of Mr. Mattill.

The editorship of The Tech is most interested in meeting persons among joining the staff.

Acquaintance Dance To Be Next Friday

An All-Tech Acquaintance Dance wilt take place Friday, Sept. 22 from 8 to 11 p.m. Location: Memorial Room, MIT. Admission is $1.25.

This event will feature music provided by local high school bands. It is expected to have a large annual attendance sponsored by the Massachusetts Athletic Club, Inc.

For More Graduation Photos
And Articles . . . . . . . See Page 3
Professor Albert G. H., [illegible] at present provide a three-bed-
droom suburban house in New England with two-thirds of the
energy required for heating and domestic hot water supply.
However, under present market conditions, the cost of mechan-
eical equipment required for sol-
ar heating remains higher than
can be justified by fuel savings.
This is one of the conclusions
reached after three years of op-
eration of MIT's Solar House
in Lexington, Massachu-
setts. They were reported by
Professor Albert G. H. Diets
at the recent United Nations
Conference on New (Non-oen-
ter) Energy Sources in Rome,
Italy. Dr. Dietz is professor of
civil engineering and a member
of the Space Heating Com-
mittee of the MIT Solar Energy
Conversion Project.

Built in 1958
Built in 1958 specifically for
experimental work in solar en-
ergy, the house has yielded all
the scientific information it can
provide and will now be con-
verted into a conventional home
and sold. The most valuable
contribution of the house, Pro-
fessor Dietz reported, was the
engineering knowledge gained in
constructing and operating
a complex solar heating plant.

Roof Energy Collector
Architecturally, the most
striking feature of the house
was the solar energy collector
which formed all of the com-
bined roof and wall of the south
side of the building. Set at an
angle of 60 degrees, the 16-by-
40-foot collector consisted of
two layers of glass over an
identical area of thin aluminum
sheet painted black. Water
pumped through copper tubes
attached to the aluminum sheet
was heated by trapped solar
energy and then stored in a
1500-gallon tank in the base-
ment. Hot water from the tank
was pumped through a heat ex-
changer to transfer heat from
the water to air. The warm air
was forced through ducts to
theat the house, as in conven-
tional heating systems. Increas-
ing cold water from the public
water system was heated for
domestic hot water supply by
being pumped through coils in
the storage tank. In operation, temperatures
within the house were very
strictly maintained and the oc-
cupants have no time to com-
pare compromises with the com-
fort levels of full load of hot
water use that Americans have
come to expect. The house was
occupied by the chief engineer
of the project, Cluworth D.
Eggertsen, and his family.

Built in 1958

The three-year period,
Eggertsen kept a detailed
record of the system and gradu-
ally improved the installation until, in
1960-61 winter, the heating
plant operated at peak efficien-
cy and satellites the predictions
of its designers.

The flow of controlled ener-
gy in the Solar House system
was distributed on a fully auto-
matic basis. Regulating devices
instructed the system exactly
when energy could be picked
up from the sun at the collec-
tor-roof and told the auxiliary
fuel-burning heater precisely
how long to wait before com-
ing to the aid of a depleted
store of solar energy.

Complex Piping Needed
To accomplish this required a
greater complexity of piping,
valves, pumps and especially
control devices than is ordinar-
ily found in a small building,
and maintenance of such a sys-
tem is also an economic factor
in solar heating. The experi-
ence gained in coordinating
these elements into a complete
system capable of the most
careful control of small
amounts of energy was the most
profitable result of build-
ing and operating the house, Pro-
fessor Dietz reported.

Although the Lexington house
is the first complete suburban
house built by MIT, it is offi-
cially Solar House IV the
fourth in a series constructed
since 1958.
Stoedding and Kispert Named Vice Presidents Here During Summer

Stoedding as Vice President, Op
The appointments of Philip A. Stoedding, head of the Division of Mechanical Engineering and Naval Architecture, and Malcolm G. Kispert, as Vice President, Academic Administration, were announced this summer by President Julius A. Stratton.

Dr. Stever, who became Vice Treasurer in 1957, is an MIT graduate with administrative career here in 1947. Kispert, who holds the A.M. and S.M. degrees from MIT in Aeronautical Engineering, had been Administrative Director and Chancellor since 1957.

Announced during the summer were the elections, to the MIT Corporation, of three prominent business and industrial leaders. Elected to life membership were Edward J. Hanley, 24, president and director of the Allied Steel Corporation; and Robert A. Lovett, former Secretary of Defense and a New York City bank executive.

This new kind of magnetic bottle incorporating a corkscrew shaped field will be built here this fall to test a newly suggested way of removing a major obstacle to harnessing thermonuclear energy. Proposed by a graduate student, Air Force Capt. R. C. Wingerson, it will be built by another graduate student, James B. Tulenko, under the supervision of J. D. Ross, Professor of Nuclear Engineering, who with Capt. Wingerson has found a solution to a problem with which nuclear physicists have grappled in vain for the last 10 years.

Superior Plastic Container
The particles do illustrating the peculiar motion that occurs between the nuclei of iso-

tropically heated, highly charged ions. In the sun and stars, gravity confining, which magnetic fields may be achieved only by magnetic fields. Magnetic containers of various shapes are being studied in this connection for 1953. Shown in Fig. 2 is the basic difficulty is that the better the container is, the harder it is to put the plasma inside.

One important class of bottle consists of a long pipe, the walls of which are a magnetic field created by an electrical coil around it. The ends of this pipe are open but magnetic fields are set up there to serve as stoppers. The pipe is designed as a way of filling the bottle with plasma by using certain magnetic fields. This structure, its work indicates, would be needed to study the magnetic fields investigated two years ago any fundamental knowledge of the plasma, its instabilities and their behavior in magnetic fields. This basic research has led to the discovery of the first plasma which has not be removed by magnetic fields into a magnetic bottle.

Large scale experimental machines of many types have already been built in this country, England and Russia in the hope of achieving thermonuclear reactions. Plasmatologists here, however, have been careful that the first step should be to acquire a basic understanding of the types of plasmas, their instabilities and their behavior in magnetic fields. This basic research has led to the discovery of the first plasma which has not been removed by magnetic fields into a magnetic bottle.

Profs. Schwarz Dead; Textile Specialist

Prof. Edward R. Schwarz, head of the division of textile engineering, died in Boston on July 27. He had been a member of the MIT staff since 1922.

Prof. Schwarz, one of the world's leading textile engineers, graduated from MIT in 1916, was appointed professor in 1917 and was placed in charge of the Samuel Slater Memorial Research Laboratory when it was established in 1945. He was a member of numerous textile societies and had been honored with two important medals.

Grad Student's Corkscrew May Solve Plasma Problem

In effect, his device would be similar to a lobster trap. It would be easy for a particle to get into the thing but difficult for it to escape because of the trap's geometric configuration. The wall of the cork-screw effect is composed of the complex magnetic fields created by the axial coil and the mirrors and the entrance to the cork-screw fields.

Experiments To Begin

Theoretical studies made by Capt. Wingerson have reached a point where definite prediction of the behavior of charged particles in the cork-screw structure have been made, and devices for a model experiment are underway. The main charged particles that must be contained for a thermonuclear reaction to occur are relatively heavy, and would require a structure between 30 and 100 feet to be built by Tulenko will operate with electron devices lighter than the ions. As a result, this scale model may have to be only eight feet long.

Upsets of days gone by past

He just stapled them all

the mind that is known and so far!

When the storm's attraction

from his eye to distraction,

no bigger than

a pack of gum!

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To Freshmen

By the time you read this, you will, as a freshman, have been thoroughly indoctrinated, if you have not already been indoctrinated, by the MIT Admissions Office, to President Strasen, to the fraternities, to your own family and friends who have told you something to say to you about MIT. You will have heard that it is not very high places above the world and around fraternities, to your own family and friends will be admitted to manage, or to Bryd, a "god to them."

It was once discovered, as you have hearm, that a freshman who entered from the top ten percent of his high school class is not destined to do better than they did in high school. Indeed, some of the more loyal alumni of the country, MIT is pretty much what you want to make it. Do things, talk to people, and don't let studying become your entire world. Boston has more to offer than its share of girls. Out of a group of people you do know and friends tell people and by all means write letters to The Tech. Best of luck in the next four years.

Snow On Ethics

The writings of C. P. Snow have recently been much the fashionable topic for discussion in both literary and scientific circles. The Stranger: A Study of Science and the World of Art and the other, non-fiction titles, such as The Two Cultures, have treated the scientific world from a unique vantage point. Snow has undue literary powers, and his knowledge of the scientific world certainly has the ring of truth.

Much of the attention that has been focussed on Snow has been due to the book The Two Cultures where he dealt with the gap that exists between the "literary" and "scientific" worlds and the world of science and technology.

More interesting to MIT, which despite strenuous efforts by certain people, remains considera- tively more a technological world than a cultural one, is Snow's essay on public and private personalities of the scientist.

In one of the novels of the Strangers and Brothers sequence, The New Men, Snow examines not only the private lives of the scientists and engineers, but the public and private ethics of the scientist. The New Men is a novel of those who contributed to the making of the atomic bomb during the Second World War. Snow, who has worked for several years with snow departs them, but that is irrelevant, for it is easy to imagine that this is the way the bomb was built.

What is interesting to contemplate is how the scientist behaves under the circumstances of twenty years ago. How many graduates of MIT and other universities go to work without a second's hesitation for what is termed in some quarters the "scientific lobby." These days, scientists and artists have become very much a fact of life, but most students default on the question of what is to be done with them.

Snow has paid a great deal of attention in his scientific temperament, counteracting making desperation, self-sacrificing gestures to prevent the use of the atomic bomb.

Today, the immediate military offspring of the bomb support the bulk of the scientists and science research in this country. The immediate offspring of the bomb happened to the initial efforts of the atomic bomb scientists to restrain their governments from ever using the bombs? Too many people today plunge into the weapons race, our only concern being at the moment of finding the means of supplying them with the greatest remuneration.

At one point in his novel Snow writes of a protest meeting called by the British atomic research laboratory:

"It struck me that all the top scientists at Barford were present, but none of the engineers. As an outsider, it had taken me years to understand this rift in technical society. To begin with, I had expected scientists and engineers to have a different response to life. In fact, the difference often seemed sharper than the difference between the engineers and such men as Hector Rose, the director of Barford.

"The engineers were the people who made the hardware, who used known laws. The scientists sometimes knew what could go wrong, go, were in nine cases out of ten, conservatives in politics, acceptant of any regime in which they were, interested in their own machines, indifferent to long-term social guesses. Whereas the physicists, whose work was going on at the time, were spent in seeking new truths, found it uncongenial when they had to look at society. They were rebellious, restless, insatiable, curious for the future and unable to resist shaping it. The engineers backed to their jobs and gave no trouble, in America, it was a different story. It went very many; it was not from them, but from the scientists, that came heretics, forerunners, martyrs, tabooes.

There is much fatality in the world today: fatalities regarding the possible effects of the use of weapons created by science. It would be a major catastrophe if the people who are continuing the creation of these weapons lose sight of the consequences of their work. They may, in truth, make their own judgment as to whether they are right in helping to create instruments of mass destruction, but unlike Snow's engineers they might well conclude that it is not their right, and duty, to question the moral and ethical implications of their work. It is as much, or more, their right and duty, it is the duty of the people who run our government, military forces, and arms industry.

Another of a tradition of engi
ergists: MIT began as a teaching institution. Perhaps, despite all the abstraction that has been built into education, the real world of the practicality of the Cold War, that should install in newly trained engineers and scientists a greater sense of social responsi-

Kibitzer

By Elwyn R. Berkley '62

This hand, originally played last June at regional bids in New York, represents a case studies in the warfare of psychological bidding I've ever encountered.

I sat South and opened 17J. Opponents bid 1NT, partner 1 NT, and I announced my surplus values with a cue of 2 NT.

Then opponent made the bid that cost me dearly. The motive behind this bid was to sweep off a better partner against an eventual spade contract for which he felt I was vulnerable.

The strategy was fine, but the tactics pointed to oversun in spades. I went back and waited until we bid 5 J (as any good duplicate partner would). Then, my partner doubled thereby requesting from his partner the lead of dummy's first side suit: clubs.

Many were the tables at which this hand had been doubled down one and 6 NT (double dummy's common scores. We would surely have been among them had it not been for the overwhelming enthusiasm of our helpful oppo-

Partner promptly doubled the 3 J bid and 6 NT was quite clearly "weak". I was nearly in a mental state of six cards to do anything. But, fortunately, my partner refused to "cave in" and I then bid 5 J. He might have gone to 6 on my humble, on the other hand, it was a secret. Indeed, I had anticipated the 3 J and was returned, being the theory that a perfect dummy could only lead the 9 of spades to dummy toward, and West missed an opportunity when he passed me by throwing the queen of spades.

He was not realized that I must surely hold the queen of hearts, but I attacked the 9 of spades on any suit and I then doubled the 3 J and 6 NT was again doubled. Indeed, I followed the queen of spades and West missed another trick. It seemed almost as if he were counting me in bad need of an extra entry, and I was actually the ones making the plays of the dummy out of getting it.

He was, however, he played low and the trick was won with dummy's 10. The 9 J was re-.doubled and in a real unexpected turn of events, a heart was then ruffed and West made a mistake. His holding time as the spade king was oversold with the spade ace to dummy for the highest bid made on the contract hand.

He was right-handed, and I realized that on my hand which I was the west.

Small club gloomed myself on the auction and so made the stupid one. The opening lead was the 4, to keep West's king. I was still contemplating my own move, and I put the club in hand, and confidently put us in a suit.

The opening lead was the 4, to keep West's king. I was still contemplating my own move, and I put the club in hand, and confidently put us in a suit.

The bidding, North-South vulnerable.

North South

He Norths, Easts

1 4 3A 4 3A 1 4 3A

S

N

W

1 4 3A 4 3A 1 4 3A

4 3A 1 4 3A 1 4 3A

P

4 3A 1 4 3A 1 4 3A

4 3A 1 4 3A 1 4 3A
Boston Offers Restaurants, Theatres

Entertainment in Boston, and particularly at MIT, should interest all incoming freshmen. Whether it does now or not is beside the point, but an evening's entertainment should be an integral part of every man's week. Very often the Tech man becomes overly involved in his studies and does not realize the need for relaxation. For this reason, this column is dedicated to presenting information concerning entertainment in a list form, in order to aid the student at MIT to plan his weekends.

Restaurants are necessary because some of the dorm cafeterias and some of the fraternities on campus do not serve some weekend meals. The following list, taken mainly from The MIT Social Beaver and more expensive to snow your date, check the roast beef and strawberry shortcake. Massachusetts Ave.), "29 and 39 Newbury Street offer excellent meals at modest prices: "Newbury Steak House at 279 Street," and "Simeone's" 21 Brookline Street restaurants grouped within a couple of blocks. "Simeone's", 21 Brookline Street is a favorite with Techmen for hearty inexpensive weekend meals.

Several restaurants on Newbury Street offer excellent meals at modest prices: "Newbury Steak House at 279 Newbury Street (with a branch at 342 Commonwealth Ave.), "29 and 39 Newbury Street." "Durgin Park" at 30 Market Street has an unusual atmosphere and robust portions of good food, especially the roast beef and strawberry shortcake. If you're looking for something a little more exclusive to snow your date, check the Social Beaver or the Yellow Pages.

Meanwhile back at the Institute, the complete cycle of sixteen Beethoven string quartets, to be performed by the Juilliard String Quartet in five concerts during the academic year, is announced for the 1961-62 Humanities Series. Concert dates are November 19, December 10, January 14, February 11, and March 18. One of the foremost chamber music ensembles of our time, the Juilliard Quartet appeared last March under the auspices of the Series for a single concert. The Humanities Series was established twelve years ago through the interest and generosity of Elizabeth Sprague Coolidge of Cambridge. The Department of Humanities sponsors the series, which brings to the MIT community a selection of recognized concert artists and musical groups.

The outstanding theaters in the area are advertised in the local papers, but a few are of special interest to Tech students. The Exeter Street Theater, Brattle in Harvard Square, and the Telepix in Park Square show predominantly foreign films and are cultural centers of interest for foreign language students here at MIT. Boston offers great variety in the field of stage plays. A brief listing of the most outstanding plays in the area follows: "The Caretaker" at the Wilbur starting September 18, "Kravmna" at the Colonial starting September 26, "The Pajama Game" at the Bradford Roof Theater starting September 26, "Everybody Loves Opal" at the Wilbur on October 2, "Write Me A Murder" at the Wilbur starting October 9, and "Bye Bye Birdie" at the Shubert on October 10. A special note to entering freshmen: there is great opportunity for interested persons in the entertainment department of The Tech, provided only one person fills the requirements of an expanding newspaper, and there will be openings for an editor and assistant editor plus writers. Anyone interested contact me! Kris W. Kramer '64

Charles Munch has announced that ten of the Boston Symphony Orchestra's rehearsals will be open to the public this season. Doctor Munch inaugurated the popular series of rehearsals in 1951-52, his second season as the Orchestra's music director, primarily to give the college students of the area a greater opportunity to hear the Orchestra. With most of the Orchestra's regular concerts sold out by season subscription, he felt many students were unable to hear the Orchestra in person during their studies of music in Boston. The Open Rehearsals not only provide this opportunity, but they also give the public and students an opportunity to observe the Orchestra in final preparation for its regular concert season.

Doctor Munch will conduct a major portion of the rehearsals including the first Open Rehearsal on Thursday, October 12. Subsequent Open Rehearsals, all on Thursdays, will be held on November 2, December 7, January 11, February 8, February 15, March 8, March 29, and April 26. Season tickets for the ten Open Rehearsals by the Boston Symphony Orchestra are $15.00. Seats are unreserved and any seat in Symphony Hall is available to ticket-holders on hand when the doors are opened at 6:45 p.m. for the 7:30 rehearsal. Season tickets are available through any one of the college's offices in the area and at the Symphony Hall box office. Sale on tickets closes October 9th. This series is a good way for students interested in the symphony at MIT to get to know the Boston Symphony Orchestra.

Munch Conducts Series

BSO Schedules Open Rehearsals

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As a rule, people going places start out with The New York Times

It figures. The Times is fresh, fast-moving, filled with news you can use all day long. Profit from clearly written stories of government and politics, science and industry. Enjoy-colorfully told stories of sports, fashions and the arts. Pep up your talk with much more information (and much more insight) on every conceivable timely topic. Whatever your goals, make the journey easier and more fun. Make your daily paper The New York Times. Enjoy convenient campus delivery every morning—and at special college rates. See your representative today.

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Baton Society To Present The Weavers

The Weavers, America’s popular folk singers, are coming to MIT Saturday, September 30, to present an evening of folk music from around the world. The concert will be in Kresge Auditorium at 8:30 p.m. under the sponsorship of Baton Society, the honorary musical organization.

The Weavers think of themselves as songwrit- ers and appropriated their name from the refrain of an old Scottish ballad, “If it were for the work o’ the weavers...”

For the coming season, the Baton Society will bring back Ernst Levy, the noted composer-pianist, former professor of music at MIT, for a concert of piano music.

The Harvard Cooperative Society is conducted and governed by a board of directors made up of the faculty and students of Harvard and MIT. The capital stock is held in trust by stockholders who receive no dividends. When you have joined the Coop, your greatest benefit in savings will come from concentrating your buying. The size of your Patronage Refund check is, of course, dependent on what you purchase. The accumulation of small items is just as important as the larger individual buys. The Patronage Refund rate for 1961-62 has been guaranteed at 8% on charge purchases and 10% on cash. You get the most value from your membership by the concentration of your buying at the Coop.

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83 Students Receive Two Degrees A-piece

Degrees were awarded to 83 students at MIT's commencement exercises in Rockwell Cage June 9. Among them were 607 undergraduates, members of the centennial year class of 1961.

The diplomas were presented individually by President Julius A. Stratton before about 4000 persons assembled in the Cage and an additional 1200 watching the program via closed-circuit television in Kresge Auditorium. A total of 1249 degrees were awarded, with 83 students receiving two degrees each. The number included 58 doctoral degrees, 62 advanced engineering degrees, and 421 master's degrees.

In his commencement address, Dr. Frank Stanton, president of the Columbia Broadcasting System, advocated a 16-year program of educational assistance to underdeveloped nations. In his educational "Master Plan" he called for expenditures amounting to nearly one-fifth of the United States' current foreign aid commitment.

Among the members of the honor division were nine retiring faculty members: James A. Batten, professor of physical chemistry; Edward P. Brooks, professor of industrial management; Arthur C. Hardy, professor of organic chemistry; Leon P. Marion, professor of engineering; Richard H. Mabson, professor of engineering; John R. Markham, professor of aeronautical engineering; John H. Mayers, professor of aeronautical engineering; and Karl W. Williams, professor of electrical engineering.

Dr. Stratton delivered the charge to the graduates. At the close of the exercises, the Commencement luncheon and reception were held in the Great Hall.

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Crews Excel In Spring Regattas; Frosh First, Varsity Third In U.S.

By Sandy Wagner '61

In championship regattas at Worcester, Mass., and Syracuse, New York, late last spring, MIT crews turned in what has been estimated as one of the finest overall performances in the history of rowing at Tech.

Frosh 150's Championship At the Eastern Sprinters at Worcester, Engineer crews qualified in all heats, an unprecedented feat for MIT, and one matched that day only by Cornell. Outstanding performances were turned in by the freshman lightweight, who were crowned champions of the East, and in effect the nation, since 125-point crown does not exist in the West. The varsity heavyweight rowed their best race of the year to come third behind Navy and Cornell.

At the Intercollegiate Rowing Association's annual championship in Syracuse in June, Tech produced its best showing in 16 years, in the varsity competition, finishing third behind California and Cornell and ahead of Washington, Penn, Navy, Brown, Wisconsin, Syracuse, Princeton, Dartmouth, Rutgers and Columbia in that order.

Getting away from the start slowly, Jack Freisley's oarsmen were next to last as the crews settled from their racing start. Then something clicked in the shell, and with sophomore stroke Chris Miller's crew poured on the steam and surged away from a host of crews consisting of Washington, Navy and Navy.

Tech crossed the finish line three full lengths ahead of the favored Harvard, from the West and even more up on the spring champion Middies, both of whom were pouring so much at the start of the varsity. Tech graduated by a shell after shell. With three-quarters of a mile to go the Engineers pooled on the steam and surged away from a host of crews consisting of Washington, Penn and Navy.

This has been the 13th time that MIT has won the point-skipper award, and Tech was closest opponents in overall performance having gone 3-1 with 3 victories at the east coast.

In honor of Wood's contributions to intercollegiate sailing the Intercollegiate Yachting Association of North America has voted to honor him with a new championship to award annually of the intercollegiate districts: Claremont and Washington Universities from the Pacific Coast, Michigan and Wisconsin from the Midwest, Cornell and Navy from the mid-Atlantic and Harvard at MIT representing the east.

Nelson Won's Trophy

Nelson won the Allan Trophy, the highest single honor in the United States rowing, with his Coxing of the National Rowing League's second-grade winner, Yale and Harvard with 3 victories.

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Technology Coop

Team Gains Title

Sailors Have Fine Summer

By Walter Deuce '62

Sailing at Annapolis, Maryland during the summer Pete Gray '61 and Don Nelson '61 won the North American Intercollegiate Dinghy Championship for MIT from a field of eight finalists in the Garnet Dinghy class. Their final score, 71, left Tech 20 points ahead of the nearest rival, Navy.

Of the field of eight competitors represented the two finalists in each of the four national intercollegiate districts: Claremont and Washington Universities from the Pacific Coast, Michigan and Wisconsin from the Midwest, Cornell and Washington, Penn and Navy.

Through majoring in physical education at Springfield College, the new MIT athletic director was an outstanding lacrosse, soccer and basketball player. He was named to the All New England Intercollegiate lacrosse team as a senior and was a 1st Reserve All-American soccer player in 1953.

He served as president of the United States Intercollegiate Lacrosse Association in 1957. In 1952 he was in charge of the successful tour of the combined Cornell-Dartmouth Yale soccer team in Bermuda. In 1957 and again in 1958, as the invitation of the commanding general of the U.S. Army in Europe, he conducted soccer clinics for service coaches. He has been one of the leading basketball officials in the North East for several years.

Mr. Smith is married and has two children: James, 23, senior at Cornell; Jeanne M. 21, a 1961 graduate of Cornell and David R. 39, a sophomore at Franklin and Marshall.

Smith Gets Athletic

(Continued from Page 1)

- freshman or varsity - in Cornell history.

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