Behnke Leaves MIT
Admissions Office

By Jean K. Lee
associate editor

After 11 years as the director of admissions, Michael C. Behnke will be leaving MIT to become the first associate dean of the College for Enrollment at the University of Chicago in May.

"I think it's time for me to have new challenges, and it's good for MIT to get a new perspective from someone new," Behnke said.

"I'm very delighted about what we've been able to accomplish here at MIT during the years I've been here," Behnke said.

"I really enjoyed the level of commitment and intelligence that people bring to solving problems here. The ultimate success has been a tremendous amount of fun, and I hope to find that at the U of C as well," Behnke said.

"We're losing someone who has been an extraordinarily effective member of the administration and MIT community," said President Charles M. Vest, "but it is a tremendous opportunity for Michael, and I fully understand his decision."

"It's from MIT's point of view, bad luck that this opportunity came along at this time," said Dean for Undergraduate Education Rosalind H. Williams, "and I think it took something exceptional to pull him away."

"Search committee being formed

With the help of Vest and Provost Joel Moses PhD '67, it is currently in the process of convening a search committee.

"The committee, which will most likely consist of five faculty members and two students, will be responsible for reviewing applicants and making recommendations to Williams, who will ultimately make the final decision."

"We need to do it as quickly as possible," Williams said, "but it's much more important to get the right person than to rush the process."

"The director of admissions needs to manage the 20 to 25 members of the Admissions Office, create team spirit, and work with the faculty committee and admissions policies. The position will be advertised nationally, Williams said."

Both Vest and Williams feel confident that the position will attract qualified applicants among whom they will select a new director. "I have no doubt that we can get a really top-quality person because Michael's leaving the office in a tremendous amount of fun, and I hope to find that at the U of C as well."

Housing Team Finishes Final Report, Suggests Improving Communication

By Jennifer Lane
contributing editor

In their final report, the housing and residential life re-engineering team recommended better communication within the residential system and the dissemination of information in the dormitories.

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The HARL team was charged with the development of a plan to create a unified housing and residential system which includes building renovations, and programs.

The HARL team's report, which was released on Jan. 14, did not make concrete recommendations for a merging of the Office of Residence and Campus Activities with that of the Department of Housing and Food Services. In October, both HFS was moved into the Dean's Office, which already oversees RCA.

However, placing the two offices under one office does not mean that they have become one, said Associate Dean for RCA Margaret A. Jablonski.

The team felt that such a decision "needed to be broader-based and involve more people," said Dean for Student Life Margaret R. Bates, who chaired the team.

Furthermore, "on the systemic level, there are re-engineering groups whose work will affect the larger structure," so examining the organizational structure was not appropriate for the HARL team, Bates said.

HARL, Page 23

Preregistration Moves Online for Convenience

By Douglas E. Heimburger
associate news editor

ALL MIT students will preregister for classes over the World Wide Web next semester following a successful test of the new electronic preregistration system last December.

Undergraduate and graduate students from the Department of Management tested the system by filing their preregistration material for this term online, said Associate Registrar for Facilities and Scheduling Mary R. Callahan.

The new system is a result of a joint effort by the Registrar's Office, the Student Information System, the academic departments, the Office of Undergraduate Academic Affairs, the Student Financial Aid Office, the Bursar's Office, and student services re-engineering, Callahan said.

The new system has distinct advantages over the old paper-based system of preregistration, Callahan said. "Students can change their preregistration multiple times right up until the deadline date" with the new system, she said. Additionally, the system may allow the preregistration deadline to be later in the academic year since the Registrar's Office will no longer have to input the data on the forms.

The Registrar's Office will not save time overall with the new system because it allows students to send messages to the office with individual questions about topics like registration holds, Callahan said. "It felt good to be hearing from students" on issues that may not have normally been raised because of difficulties in contacting the office using other means, she said.

The paper preregistration forms will not be maintained with the new system, Callahan said. Students who Preregistration, Page 11

INSIDE
- Students investigate economic alternatives to The Coop. Page 7
- The Du Pont weightroom will receive new equipment. Page 9
- Comics. Page 12
- On the Town. Page 13

The new Athena cluster in Building 56 features a design with windows taking the Green Building.
WEATHER

Easy Ride

By Marc Zelewski

A few more days of quiet and essentially dry weather are expected. An arctic front will approach Friday but with limited amounts of moisture and only partly cloudy skies and steady showers. Bursts of heavy snow, which will be found in the mountains, will be possible through Monday. Cold air, setting in for Saturday and the weekend, will also block a moisture and only partly cloudy skies and stray flurries are on offer.

State Department Says Bosnia Assures Ties Broken with Iran

L.A. TIMES

The government of Bosnia-Herzegovina has assured the United States that it has severed all military and intelligence relationships with Iran, State Department spokesman Nicholas Burns said Thursday.

Burns was responding to a story in The Los Angeles Times quoting U.S. intelligence sources saying that Bosnian government officials told journalists and U.S. military officers in Sarajevo that they had severed ties with Iran. The story was part of a broader report on the state of military and intelligence cooperation in various countries.

President Clinton's 1997 budget calls for restoring benefits to legal immigrants, and for a package of tax reductions that would return $98 billion to Americans. The proposal to cut by half the tax rate on capital gains - profit from the sale of stock, property and other assets - is White House officials' top priority. Clinton has said that he is not "philosophically opposed" to cutting capital gains, as long as the move does not reflect a reduction in the country's ability to raise taxes and some federal fees.

But all major components of the Clinton plan would be scaled back if deficits fail to decline according to projections made by administration forecasters.

The proposed budget also would boost housing revenue by about $80 billion over five years, most of which would go to help inner-city businesses and depressed areas. The Senate Republican plan would cost the Treasury $199 billion, and is unlikely to be revenue neutral.

Clinton's child tax credit is more favored than the Republican version. With a five-year cost of $46.7 billion, it would be phased in over several years and limited to families under $30,000 annual incomes and would not be the function for the full benefit; those with incomes up to $75,000 per year would get a partial benefit. Clinton's plan, on the other hand, favors making the full $500 per child tax credit available to families with annual incomes caps much higher and even to延伸 beyond $200,000.

The Clinton plan contains $38.4 billion over five years in breaks for middle- and low-income taxpayers and $15 billion in credits of up to $1,500 per family, including the first two years of college and $17.5 billion for a tax deduction of up to $10,000 for post-secondary education and training.

Republicans favor tax breaks for homeowners and for those saving for interest payments on college loans, establish educational savings accounts for children and provide tax incentives for IRA contributions. The Senate Republican plan would also provide a new block grant or other special funding for states that it has severed all military and intelligence relationships with Iran.

But Burns did say the Bosnian government "is not conducting, we believe, an operational intelligence program with the Iranian government or a military assistance program with the Iranian government."
Sudanese Flight Ban May Disrupt U.N. Humanitarian Aid Efforts
By John Lancaster

A U.N. plan to ban international flights to Sudanese aircraft would disrupt humanitarian relief efforts in a country raved by famine and civil war, according to an internal U.N. document.

U.N. officials in Khartoum said the document's priority was to obtain what it called "more than token" support for a flight ban from the Sudanese government, which is now under American pressure to end its support for international terrorism and have pushed hard for sanctions against the Swiss banks.

The flight ban is expected to have profound economic effects on Sudan, which relies heavily on oil exports to support its economy and has a reputation among diplomats as a haven for international terrorists.

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Study Finds Marriage Curbs Drug Use

WASHINGTON

A leading expert on marriages and divorces has found that getting married makes a big dent in drug and alcohol use once again.

Forty-one percent of single subjects in the study reported heavy drug use, while remarriages drive down drug and alcohol use once again.

The study is based on a representative sample of U.S. adults conducted between 1988 and 1994. The study was designed to test the hypothesis that getting married reduces drug and alcohol use.

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Letters To the Editor

Nobody Makes Trig Cheers Anymore

Regarding the column by Jenny Lind G (in Spite of Itself, MIT Musts Own Peculiar Spirit, Feb. 4), I have a few clarification.

First, it’s “flairred,” and we do have a tradition of harking Harvard/Yale games (note that classic MIT methods involve much animal cruelty), even though we both know our own strengths and limitations well enough not to have a real rivalry. It simply wouldn’t be sporting.

Second, the person described as making the cheers must have been a new student, or else he would not have been shouting trigonometry cheers—too passe and unlikely given the two-semester calculus requirement.

Perhaps during the next Independent Activities Period, Cham School could offer a class on how to make proper Nordic cheers?

Third, the person was probably an engineer, since most of us non-engineering majors at MIT (biologists, anthropologists, chemists, historians, what have you) won’t be caught sporting.

Athena-conscious MIT student has come to appreciate the Fishbowl for its convenience away in exchange for a new one inconvenient and unnecessary. If administration's previous efforts to amend its image toward this announcement, which is, sadly, another example of MIT’s ultimate lack of clue and concern for the student body. This unsound decision undermines the administration's previous efforts to amend its image since the fall term overreaching on restructuring of the Dean's Office.

It is true that many, including me, appreciate the new Student Services Center.

However, with supervising the student body in mind, does MIT consider taking an existing convenience away in exchange for a new one inconvenient and unnecessary. If administration's previous efforts to amend its image toward this announcement, which is, sadly, another example of MIT’s ultimate lack of clue and concern for the student body. This unsound decision undermines the administration's previous efforts to amend its image since the fall term overreaching on restructuring of the Dean's Office.

The Fishbowl should not be moved, especially not to Building 12, where it is both inconvenient and unnecessary. If administrators ever walked out of their offices and for one day lived life as a student, they would better appreciate being able to drop by the Fishbowl to quickly check e-mail before running off to class, or break between classes, or after a weekend shopping trip. The key word is “drop by” as opposed to “going to” the Student Center or Building 12.

Athena-conscious MIT student has come to appreciate the Fishbowl for its convenience and unique charm. Robbing from us the only floor above the Fishbowl? Compared to others in the Infinite Corridor.

For the same reasons, the Fishbowl should not be moved, especially not to Building 12, where it is both inconvenient and unnecessary. If administrators ever walked out of their offices and for one day lived life as a student, they would better appreciate being able to drop by the Fishbowl to quickly check e-mail before running off to class, or break between classes, or after a weekend shopping trip. The key word is “drop by” as opposed to “going to” the Student Center or Building 12.

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In the past, students could e-mail, then maybe the administration decided it was a good idea.

If student opinion really does matter, as administrators often claim during interviews with The Tech, we as students should speak up before too much of the relocation has taken place. The Tech should publish an address comments regarding the Fishbowl issue should be sent, and if every dissatisfied student sends an e-mail, maybe the administrators will finally get the point.

Aileen Tang '99

[Editor's Note: Students can e-mail Director of Administration and Operations Stephen D. Immerson at immerson@mit.edu or Vice President for Information Systems James D. Bruce Sr. Deo '66 at jdb@mii.mit.edu.]

Taking Comics Raw

We have noticed that some people have been picking up The Tech's new comic, "Red Meat." I recently came upon this comic, and it is by far the best comic I have read in my four years here at MIT. Enough of vast space-filling droll, "Red Meat" is the first comic to break the monotonous barrier. If I tolerate "Jim's Journal" for four more years, people can endorse "Red Meat" for a few more. Heck, they might even learn a few words. (I'll buy those things, nor does anyone else know)

"Red Meat" is harsh, and not everyone will like it, yet it has sophistication that greatly enhances sometimes sparse reading material. So please leave the meat of the paper alone, and I will take my comics raw.

Zack D. St Lawrence '97

Appeal of 'Red Meat' Should Be Universal

When I read that The Tech was picking up "Red Meat" as a filler comic I felt no need to write in support of it since I thought its appeal would be universal.

Justin D. Caves '98, however, writes that he finds it "obnoxious, inane, and not at all funny." I do not find "Red Meat" to be "of any interest." I never see the comic, since "Red Meat" is the easiest thing to do when a student is bored. As for the comic's possible exception of the police log. If you are willing to remove a comic because some people find it "snoring," the logical step is to ban "Red Meat." I don't want to read a comic that "Red Meat" is easily the funniest thing to appear on campus since the possible exception of the police log. If you are willing to remove a comic because some people find it "snoring," the logical step is to ban "Red Meat." I don't want to read a comic that

Nicholas E. Matuskas '98

Opinion Policy

Editorials, printed in a distinctive format, are the official opinion of The Tech. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editor, and opinion editor.

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Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letters or cartoons will be printed anonymously without the express prior approval of The Tech. The Tech reserves the right to edit or reject letters and cartoons before publication. Once submitted, all letters become property of The Tech, and will not be returned. We regret we cannot publish all of the letters we receive.

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Exorbitant Prices for Textbooks Have No Justification

Column by Brett Altschul
ASSOCIATE NEWS EDITOR

As the semester commences, the timeless issues that plague MIT students arise again. Among the most bothersome aspects of starting a new term is buying textbooks. The most obvious difficulty of this experience is the extreme cost of some of the texts.

Personally, the required books for my classes this semester cost just over $500 at the Coop. Whatever options are available for getting books at lower cost, those prices remain exorbitant. There are many arguments that attempt to justify the extraordinary prices on textbooks. However, a little analysis reveals that they are all vacuous.

One claim is that because college texts are printed in smaller numbers than other books; the fixed overhead costs make the books more expensive. The fallacy here becomes incredibly obvious to anyone who browses through the books at the Coop. If the fixed publishing costs were simply being divided among a much smaller number of books, the price difference between books of comparable circulations must be extremely small.

If the overhead for academic texts doesn’t eat up all that money, maybe it’s the authors’ costs that need the extra money. After all, writing a new term is buying textbooks. The most extreme cost of some of the texts. The prices of textbooks follow no reasonable scheme and are far too high for any kind of justification.

The prices of textbooks are often much higher than books in the popular press. If that were the case, the textbook for Physics II (8.022) shouldn’t have sold blue ink all over the inside of my backpack last year. The cover of my 1996 edition ended up in worse shape than my father’s 1966 copy. Fortunately, the payment I left behind should make a pretty pattern when mixed with the bright red color that rubs off the cover of my new text for Introduction to Topology (18.001). If the books were such high quality, the publishers of the ancient textbook for Statistical Physics I (8.044) might make new plates to print the book, as the old ones are becoming unreadable. Strangely, none of my low-quality non-academic books ever seem to suffer this problem.

Since all the other arguments used to explain the cost of academic texts seem bogus, I now venture guesses as to why these books bear such ridiculous price tags. It’s because people willingly pay that much. As long as college students shell out for these overpriced treasures, the cost won’t decrease.

Unfortunately, there seems to be little to be done about the problem. I’ll end up paying most, if not all, of that $500, and there’s little I can do about it. All I can recommend is that people make as much use as possible of used books, from various sources. Borrow them from your friends, or buy them cheap when the opportunity arises.

The prices of textbooks follow no reasonable scheme and are far too high for any kind of justification. In all likelihood, the cost of these books will make students miserable for some time to come.
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Profs Use Quantum As Coop Alternative

By Thomas R. Karlo

This semester, a number of professors, primarily from the Department of Electrical Engineering and Computer Science, sent students to buy textbooks at Quantum Books, rather than The Coop, MIT's traditional textbook supplier.

Lower prices were cited as a major reason for the departure from convention, which forced some students to buy books from two different stores.

Quantum, located two blocks from The Coop, carries mainly technical books related to computing and electronics.

"We figured out that Quantum was less expensive," said Assistant Professor of Computer Science and Engineering M. Franz Kaashoek, who teaches Computer System Engineering (6.033).

Kaashoek estimates students saved about 15 percent off The Coop's price by purchasing the text at Quantum. So far, the switch has not caused any problems. "I haven't heard any complaints from the students," Kaashoek said.

Quantum offers ease and economy ordering the books was easier as well, said Neena Lyall, the 6.033 course secretary. "It was less of a hassle because they take orders over the phone, whereas with The Coop you have to fill out quite a few forms."

Quantum's proximity made it an ideal alternative to The Coop. "They're quite close," Lyall said. Lyall also found that Quantum's customer service was more responsive.

Another large course that chose to have its students buy their texts at Quantum was Computation Structures (6.004), taught by Professor of Electrical Engineering and Computer Science George W. Pratt '49.

Quantum was chosen because The Coop was going to sell the text for $70 and Quantum was willing to sell them for $58," said Lisa Kozdiy, the course secretary.

About nine courses ordered their books through Quantum, with a total of over 500 books, said Sheria Cecchi, an assistant store manager at Quantum. This number remains small compared to the overall number of orders placed by MIT classes.

Still, "it's the first term there's been a significant number of classes doing this," Cecchi said.

We have a reason to stay competitive which The Coop might not have," Cecchi said. "They know the book orders are going to come in. For us, it's Wow! Here's new business."

MIT Press sells textbooks

Another alternative to The Coop for purchasing texts is the MIT Press bookstore, located across the street from The Coop. The store carries books published by the press as well as many books written by authors associated with the Institute. This includes a number of textbooks used in courses at the Institute.

The required texts for 6.004 and Introduction to Algorithms (6.046) were available at MIT Press.

Although their primary role as a publisher prevents the store from actively soliciting orders, "there are individual instructors that ask us every semester to order books for them," said Jeremy Granger, the store manager. "We don't aggressively pursue text sales."

The store also offers coupons for a 20 percent discount on books in the back of the campus phone directory.

Granger gave several reasons why students sometimes choose to buy books at the MIT Press. "We're smaller, we're friendlier, sometimes they save money, and we have a special section for textbooks."

The Coop is aware of competition

So far, management at The Coop is not concerned about the move of a few classes to alternative suppliers.

"We're not aware that's going on," said Allen Powell, The Coop's general manager. "There have always been people that shopped for alternatives."

The Coop's agreement with MIT concerning textbook sales is not exclusive, Powell said. Still, "we are the bookstore for MIT," he said. "We put a lot of time and effort into contacting professors and getting information about what is required and suggested reading for courses. We consider this a top priority and our major mission."

The Coop's pricing is competitive without question, Powell said. "Our prices are driven by the costs charged by the manufacturers. If someone brings a pricing issue to us, we look into the validity of the claim. If something's wrong, we fix it."

The Coop does hold some advantages over Quantum. "Quantum's return policy is not as generous as The Coop's," Powell said. "It's the first term there's been a significant number of classes doing this," Powell said.

"We're not aware that's going on," said John Rusnak Jr, 97.

The move away from The Coop also caused confusion. "I guess I'm a little confused now as to what the MIT store for textbooks is," Rusnak said. Rusnak intends to go along with the recommendations of professors. "If they think I should buy my book somewhere besides The Coop, that's okay with me."

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Weightroom Will Be Redone this Spring With Donated Funds

By Kyle Young

Slightly under $75,000 was recently spent on an order of new equipment to refurbish the weightroom in the Du Pont Athletic Center. The money was donated by Paul Rudovsky ’66, a member of the MIT Corporation and the Department of Athletics visiting committee.

The new equipment may be installed in the weightroom as early as spring break, provided the room is ready, said Men’s Head Track and Cross Country Coach Halston W. Taylor, who was in charge of ordering the new equipment.

Weightroom must be refurbished

The weightroom will be refurbished before the new equipment is installed and “that means all of the aesthetics and practical enhancements will be in place prior to shipping,” Taylor said.

If these refurbishments are not completed by spring break, the delivery will be postponed until the summer, so that there will be minimal disruption to the weightroom when classes are taught.

“We are replacing nearly all of the current equipment with newer, better, and in some cases, more practical equipment from Icarian, Body Master, and Hammer Strength. The actual weights will be from York,” Taylor said.

Of the weight training equipment currently in the weightroom, the hip machine, two squat racks, two bench presses, a 30-degree inclined press, the dip bar, several of the smaller dumbbells, and possibly the three-pulley station will remain.

As for the cardiovascular equipment, the three bicycles and two steppers will be replaced by newer machines from Lifecycle, StarTrak, and Precor. After the replacements, there will be two bicycles, two steppers, one treadmill, and one cross-trainer.

Committee decides room’s fate

“We came about this decision by my suggestions and then meeting with a committee,” Taylor said. The committee included one undergraduate lifter, two graduate students, and one alumna. One committee member, Co-chair of the GSC Committee on Athletics Andrew J. Rhomberg G, conducted an electronic survey of graduate students last semester.

After feedback from the committee, “I made some fine tuning based on negotiated cost, quality of manufacturer, size of unit, and actual experience on the machines,” Taylor said.

The current weightroom setup already includes enough equipment for a balanced workout, but “the equipment in the room right now is extremely old,” Taylor said. The goal was “to furnish the weightroom with more modern equipment found in commercial gyms” and “to get the best quality with the most functionality,” Taylor said.

“It took about three months to finalize everything,” Taylor said. Yet there are still open logistic details. Not only is the exact installation date of the new equipment not finalized, but there may not be enough room to store all of the planned pieces.

Old equipment may be auctioned

The fate of the old equipment is still undecided because additional gym space is quite scarce and unlikely to be available, Taylor said.

“According to current plans, some of the old equipment of the weightroom will go to dorms, and the rest may be auctioned off among the MIT community,” Rhomberg said.

Patriots of the Du Pont weightroom generally welcome the new equipment but also note that the current equipment is still functional and adequate.

Right now, “everything works, but it looks a bit ugly. I do not think additional machines are needed, but the existing machines should be improved,” said Udo Schwarz, a visiting scholar.

“I think the variety here is pretty good. I do not think anything important is missing, in terms of major exercises,” said Richard C. Bunt, a postdoctoral fellow in chemistry. “I think getting new equipment is a good idea. More space would be even better.”

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Electronic Prereg Incorporates New Security Processes

Pre-registration, from Page 1

have difficulties using the system will be assisted by the Registrar's Office on a case-by-case basis, she added.

System to feature added security

The electronic preregistration system will feature new security measures currently being developed by Information Systems, Callahan said.

The test system used in December featured special passwords that were issued to the volunteering students by e-mail, Callahan said. While the system provided the appropriate level of security, many students lost their passwords, requiring intervention by the Registrar's Office, she said.

The new system, to be piloted in March, will feature digital certificates that will be obtained from a secure Information Systems server, said Susan Minai-Azary, director of the I/T integration process for IS. Unlike a traditional password-based system, the certificate can be used to authenticate users with systems that are not considered secure, she said.

"We didn't want to add more usernames and passwords to the system," Minai-Azary said. "This is the marketplace solution" for secure user authentication, she added.

Kerberos, MIT's traditional user authentication scheme, could not be used for network applications over the World Wide Web, Minai-Azary said.

Comments on system positive

Both students and administrators praised the new electronic preregistration system for its ease of use and for the new information that it provides.

"I generally liked it," said Shirley A. Rieven G. "I'm not sure that they abandon their other registration methods though. If someone can't figure out how to use it, they should be able to go to the Registrar's," she added.

"The most difficult thing about preregistration is figuring out how to do it," said Clinton P. Conrad G. "The actual preregistration was easy" with the new system.

"Students seemed to enjoy the new system," said Jeanine E. Jonson, academic administrator for the Department of Mathematics. "One great benefit for us was that graduate students actually preregistered," allowing better planning by the department, she said.

The new system "seems to be a great success," said Deana for Undergraduate Education Rosalind H. Williams.

A survey conducted by the Registrar's Office found that 92 percent of students using the system found it clear to use. Most students were able to preregister in less than 15 minutes, according to the survey.

The survey also found that only 37 percent of those using the system connected to it from Athena clusters. Graduate students tended to preregister from lab instead of public clusters, Callahan said.

Although the new system will feature an automated schedule system, the paper timetables will remain. "We've heard from students — don't eliminate the paper," Callahan said.

Still, the system will feature schedule updates as necessary. "The paper catalog sometimes doesn't tell what is being taught," Callahan said. The electronic preregistration system will add classes as departments decide to offer them, she said.

Registration could be electronic

The final registration process could be placed on the World Wide Web in the future, Callahan said.

However, the process of preregistration would still not be changed. "Faculty advisers value the interaction with the students," Callahan said. Under the new system, students would still be required to meet with their advisers, she added.

The adviser would then attach his or her digital signature to the registration information, ensuring that the meeting has taken place, Callahan said.

"Good electronic contact will enhance communication," Williams said. Still, no decision has been made on the feasibility of an electronic system yet, she added.

Other forms, such as add/drop forms, will not be moved online in the near future due to the complexities of getting multiple signatures attached to a form, Callahan said.

February 7, 1997

Incorporates New Security

The Tech
Off Course
by Hugo

DID YOU READ THE STORY ABOUT WORMS IN THE CAFETERIA FOOD?

I JUST DON'T THINK IT'S A BIG DEAL.

THE ARTICLES SAID THAT THEY FOUN... WORM-LIKE THINGS, AND NOT ACTUAL WORMS.

BESIDES, EVERY TIME I CAME OVER FOR DINNER YOU FEED ME WORM-LIKE SUBSTANCES.

BUT I ONLY KNOW HOW TO MAKE SPAGHETTI!

---

Across

1. Mother (slang)
2. Form of be
3. Back out
4. Close in
5. Stadium
6. Perform
7. Uncle (Prov. Eng.)
8. State
9. Former
10. Indicating item
11. Daughters of the American Revolution (abbr.)
12. Yeer
13. Goal
14. Edge
15. Group of rooms
16. Flower
17. Male deer
18. Flavor
19. Knowledgeable
20. Unhappy
21. Fairy
22. Buck
23. Clipped
24. Carefully
25. Chart
26. Language
27. Age
28. Flower
29. Number
30. Carol
31. Relative (slang)
32. Feline
33. Bed
34. Edu. Group (abbr.)
35. Ever (Poetic)
36. Exclamation
37. Having
38. Used as medicine
39. Former (slang)
40. Number
41. Water barrier

Down

1. Flaw
2. Piece
3. Cap
4. Metal
5. Oar
6. State
7. Former
8. Goal
9. Garden
10. Lower
cicle
11. Festival
12. Flower
13. Male deer
14. Ring
15. Exclamation
16. YEARS State (abbr.)
17. Household (Literary)
18. Beetle
19. Happening
20. Wise
21. Help
22. Tableland
23. Utilizers
24. The Raven (Poet)
25. Green
26. Inanimate pronoun
27. Price
28. Tree
29. Eastern State (abbr.)
30. Number
31. Water barrier

PUZZLE SOLUTIONS FROM LAST ISSUE

1. Motter (slang)
2. Form of be
3. Back out
4. Close in
5. Stadium
6. Perform
7. Uncle (Prov. Eng.)
8. State
9. Former
10. Indicating item
11. Daughters of the American Revolution (abbr.)
12. Yeer
13. Goal
14. Edge
15. Group of rooms
16. Flower
17. Male deer
18. Flavor
19. Knowledgeable
20. Unhappy
21. Fairy
22. Buck
23. Clipped
24. Carefully
25. Chart
26. Language
27. Age
28. Flower
29. Number
30. Carol
31. Relative (slang)
32. Feline
33. Bed
34. Edu. Group (abbr.)
35. Ever (Poetic)
36. Exclamation
37. Having
38. Used as medicine
39. Former (slang)
40. Number
41. Water barrier

SOLUTIONS IN THE NEXT EDITION OF THE TECH
February 7, 1997

The New England Spiritual
One McKim St., Cambridge. Feb. 9, 3 p.m. Admission: $5. Information: 876-0565, x132. Ensemble founded and directed by Vincent Stringer. Program includes spirituals and art songs.

Lang's School of Music
One Follett St., Cambridge. Feb. 13, 8 p.m. Admission: $5. Information: 876-0565, x132. Students of Phoebe Carrai perform baroque music from Bohemia and Saxony.

Child Play

AMP Student Recital
Knall Hall, 160 Memorial Dr., Cambridge. Feb. 9, 8 p.m. Admission: free. Information: 253-9800. Pieces include Audier, In the Glow of Sunset; Kenan, Sonata for Trumpet and Piano; Flach, Concerto II for Trumpet, Oboe, Harpsichord and Continuo; Chestman, Conclusions for Trumpet.

MIT Chapel Series: The Lyricist

Harpsichord Dedication Concert
Killian Hall, 160 Memorial Dr., Cambridge, Feb. 13, 5 p.m. Admission: free. Information: 253-9800. Martin Pearlman, harpsichordist, premieres Things That Flow (1990), a work of Christopher Adler. Also on the program: J.B. Bach, Trio Sonata in C Minor, BWV 1079 (from The Musical Offering), Nikolay A. Frenzenko '98, flute; Susan M. Park '98, violin; Joseph C. Davis '98, bassoon; Mino Li '99, harpsichordist; Jehan Friedrich Fasch, C major in F for Trumpet, Oboe, Harpsichord and Continuo.

Stephen Tistaert, trumpet; Yukiko Ueno, harpsichord; G. F. Handel, Concerto No. 5 in F for Trumpet, Oboe, Harpsichord and Continuo. Stephen Tistaert, trumpet; Yukiko Ueno, harpsichord; G. F. Handel, Concerto No. 5 in F for Trumpet, Oboe, Harpsichord and Continuo.

Jazz Music
Blood on the Flinders

Popular Music
Madte East

Film
Lecture Series Committee
77 Massachusetts Ave., Room 25-100, Cambridge. Admission: $2. Information: 258-8861, 7 p.m. and 10:30 p.m., The First Film, 8: 9 p.m.; 10:30 p.m., The Veat.

The Museum at the John F. Kennedy Library
Columbia Point, Boston. Mon.-Sun., 11:30 a.m.-5 p.m. Admission: $6; seniors and students, $4; ages 6-12, $2; under 6, free. Information: 929-4023. Films run continuously during the day.

Whale Museum of Science, Science Park, Cambridge. Through April 30. Admission: $7.50; seniors and students 3-14, $5.50 (Tues., bargain rates for all shows 7 p.m. and later, $5; seniors and ages 3-14, $3). Information: 923-2500. Film follows the life cycles and travels of blue, humpback, and right whales from Patagonia, Argentina, to Alaska.

Le Miserable en sa taille (The Hummen on the Roof)

I, the Passion

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MIT Office of Career Services—Recruiting

For additional information, contact us at:

On-Campus Recruitment
Juno Online Services
120 West 45th Street
39th Floor
New York, NY 10036
recruit@juno.com
Lectures

Farrah Karimian
The French Library and Cultural Center of Cambridge. Through Feb. 11, 10 a.m.-5 p.m. Admission: $5-
26.4855. In French. Ms. Karimian will talk about the role of Anna de Noailles in the author's life and in her short story collections, while showing us how Madeleine de Noailles' appreciation of natural beauty and the natural world may be found throughout her work.

10 Places to See in Warsaw and Paris in the Life of Marie Curie


Dance

Irving with Ants and the Science of Human Evolution

at the MIT Museum. 264 Huntington Ave., Boston. Through March 18. Tues.-Fri., 10 a.m.-5 p.m.; Sat., 9 a.m.-5 p.m.; Sun., 12-5 p.m. Admission: $7; seniors and students, $4; ages 3-13, $3; under 3, free. Free admission: Sat., 12-3 p.m. Information: 253-0500.

Dress Rehearsal for La Boheme

at the MIT Museum. Through Feb. 14. Mon.-Fri., 10 a.m.-5 p.m.; Sat., 9 a.m.-5 p.m.; Sun., 12-5 p.m. Admission: $7; seniors and students, $4; ages 3-13, $3; under 3, free. Free admission: Sat., 12-3 p.m. Information: 253-0500.

Exhibits

Movement and Form: M. H. de Young Memorial Collection of Elie Nadelman

at the MIT Museum. 264 Huntington Ave., Boston. Through March 30. Mon.-Fri., 10 a.m.-5 p.m.; Sat., 9 a.m.-5 p.m.; Sun., 12-5 p.m. Admission: $7; seniors and students, $4; ages 3-13, $3; under 3, free. Free admission: Sat., 12-3 p.m. Information: 253-0500.

Landscape and Form: M. H. de Young Memorial Collection of Elie Nadelman

at the MIT Museum. 264 Huntington Ave., Boston. Through March 30. Mon.-Fri., 10 a.m.-5 p.m.; Sat., 9 a.m.-5 p.m.; Sun., 12-5 p.m. Admission: $7; seniors and students, $4; ages 3-13, $3; under 3, free. Free admission: Sat., 12-3 p.m. Information: 253-0500.

Living with the Science and the Art of Building

at the MIT Museum. 264 Huntington Ave., Boston. Through March 30. Mon.-Fri., 10 a.m.-5 p.m.; Sat., 9 a.m.-5 p.m.; Sun., 12-5 p.m. Admission: $7; seniors and students, $4; ages 3-13, $3; under 3, free. Free admission: Sat., 12-3 p.m. Information: 253-0500.

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The Harvey

at the MIT Museum. 264 Huntington Ave., Boston. Through March 30. Mon.-Fri., 10 a.m.-5 p.m.; Sat., 9 a.m.-5 p.m.; Sun., 12-5 p.m. Admission: $7; seniors and students, $4; ages 3-13, $3; under 3, free. Free admission: Sat., 12-3 p.m. Information: 253-0500.

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Manager - Product Development

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Michael J. Saylor
SB, SB '87 (Course XVI, XX-E)
President and CEO

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Kiran Dandekar
Ph. D. '95 (Course II)
Manager - Banking Industry

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MicroStrategy's dominance in an industry expected to grow 15-fold before decade's end has translated into phenomenal growth in revenue and personnel - 100% annually - since the company's founding in 1989. The company currently employs 200+ at offices in Washington DC, Atlanta, Boston, Chicago, San Francisco, Barcelona, and London. To facilitate future growth, MicroStrategy recently announced plans to make an initial public stock offering in 1997-98.

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5:00 p.m. - 7:00 p.m.
Reception with light refreshments to follow

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Career Services Office
Massachusetts Institute of Technology
8:30 a.m. - 5:30 p.m.
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Suite 1400
Vienna, VA 22182
(703) 714-1060 fax
recruiting@strategy.com

For more information, http://www.strategy.com/
MacVicar Fellows Enhance Education

MacVicar, from Page 1

ing up Biotechnology and Engineering (5.23). At the time, MacVicar was "interested in people who had ideas to make freshman year more varied," he said. Eisingmann was selected for the new approaches he has taken to several courses, Williams said. Essigmann has temporarily retired from teaching Biological Chemistry (5.07) and is currently teaching 2.223, Genetic Toxicology (TOX 213), and researching toxins as inducers of genetic disease.

In addition to teaching, Essigmann also serves as housemaster of New House.

Alan V. Oppenheim '59

The MacVicar fellow appointment is "absolutely fantastic," Oppenheim said. "It is very, very humbling." One of the greatest things about being a MacVicar fellow is "to be associated with Margaret MacVicar. She had a set of standards and ideals about undergraduate education that were very special," he said.

Oppenheim felt honored to be included in the group of MacVicar fellows, many of whom had been inspirations to him. "There are many talented and inspired faculty members in that group," he said. The committee was impressed with Oppenheim's "range of publications and textbooks in his field," Williams said.

Oppenheim is currently teaching Discrete-time Signal Processing (6.341) as well as helping to further develop Introduction to Communication, Control, and Signal Processing (6.011).

Lowell E. Lindgren

"I think that it is a miracle I got [a MacVicar fellowship]," Lindgren said. "I was flabbergasted when I heard." Lindgren did not have the opportunity to work closely with MacVicar, but the fellowship "bears MacVicar the way she should be honored," he said.

Many programs at MIT, such as the Humanities, Arts, and Social Sciences program, "owe everything to MacVicar," said Lindgren. "I was flabbergasted when I heard." Linda MacVicar is currently serving on the Committee for Undergraduate Performance and teaching Western Music after 1750 (21 M. 205) as well as Hayden, Mozart, and Beethoven (21M. 240).

Who we are: MedLINKs are volunteer undergraduate students who live all across the MIT campus. We act as liaisons to the Medical Department and as promoters of health in the MIT community. Throughout the year we coordinate student health activities such as World AIDS Day and the Health Expo. Also a part of MedLINKs are CHEW, a nutrition and body image group, and UpFront, an interactive theatre troupe. All MedLINKs are dedicated to listening and connecting you to helpful resources. We are trained to answer your questions about basic health issues and Medical Department services and to refer you to the proper resources--just ask a MedLINK!

For more information on the MedLINKs program or how to contact a MedLINK, call Health Education at 3-1316, extension 4, or visit our website at http://medlinks.mit.edu
Behnke to Take New U of C Dean Position in June

Behnke, from Page 1

has played an essential role in building "a wonderfully diverse undergraduate body," Vest said. Since 1985, when Behnke joined MIT, there have been significant changes in the demographics of the undergraduate population. While the size of the entering class has remained relatively steady, the percentage of women has soared from 28 to 42 percent and the percentage of minorities has more than doubled from 8.5 to 17.5.

Vest emphasized the importance of the director of admissions. "This is an extremely important position because the two things that really define the Institute are faculty and students," he said. "Selecting students is a very important function that must be done well.

The position plays a critical role in presenting MIT to the public, Williams said. "The director represents MIT to the outside world," she said.

There may be an interim director in the event the best match for MIT is not found before Behnke leaves. However, the current staff members of the Admissions Office will be able to carry out the process without any problems, Vest said. "He has built a very talented staff and very self-motivated and well organized staff," he said.

Behnke formed Institute’s image

Behnke has also contributed to developing an image of the Institute that is "simultaneously very intellectually honest about the nature and intensity of the educational environment here and still portrays the great excitement and creativity of the institution," Vest said. "The admissions team has done a spectacular job with the communications," he said.

Admissions Before and After Behnke’s Career

<table>
<thead>
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<th></th>
<th>1985</th>
<th>1996</th>
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<tbody>
<tr>
<td>Applicants</td>
<td>5747</td>
<td>8022</td>
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<tr>
<td>Female</td>
<td>1168</td>
<td>2270</td>
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<tr>
<td>Minority</td>
<td>364</td>
<td>631</td>
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<tr>
<td>Admits</td>
<td>1884</td>
<td>1947</td>
</tr>
<tr>
<td>Percent Admitted</td>
<td>33%</td>
<td>24%</td>
</tr>
<tr>
<td>Percent Ranking in Top Tenth</td>
<td>82%</td>
<td>93%</td>
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<tr>
<td>Class</td>
<td>1061</td>
<td>1076</td>
</tr>
<tr>
<td>Males</td>
<td>762</td>
<td>635</td>
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<tr>
<td>Females</td>
<td>299</td>
<td>451</td>
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<tr>
<td>Percent Female</td>
<td>28%</td>
<td>42%</td>
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<tr>
<td>Minorities</td>
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<tr>
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</tr>
<tr>
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<td>195</td>
<td>294</td>
</tr>
<tr>
<td>International</td>
<td>69</td>
<td>89</td>
</tr>
</tbody>
</table>

SOURCE: ADMISSIONS OFFICE

In addition, he has worked to increase faculty involvement in the admissions process to better "identify outstanding students with special talents" in order to increase the quality of students.

Behnke said that initially he was not interested in the position at the University of Chicago, especially since the recent reorganization at the Institute integrated the Admissions Office into the Dean’s Office.

"I’d been very happy at MIT,” he said, "but it seemed like a good time for a move."

— Michael C. Behnke

the Institute, the admissions Office will both report to the new vice president’s position that will focus on increasing the size of the college by approximately 1,000 students, while maintaining high quality educational standards.

Behnke will help to implement these plans. Presently, there are about 3,500 undergraduates at U of C. "In many respects, they [U of C] don’t have as rich an infrastructure as MIT does at the present time,” Behnke said.

One of the underlying objectives of Sonnenschein’s plan is to increase the university’s tuition income in order to support various student programs and maintain endowment and alumni funds. Currently, U of C’s alumni base is comparatively smaller than that of MIT and other universities of similar size, Behnke said.

"A larger student body creates a larger critical mass and allows a lot more choices in the curriculum,” Behnke said. However, the process must be carried out carefully to keep with the school’s character of focusing on small discussion groups, Behnke said. To that end, Behnke will focus on increasing the applicant pool.

Prior to joining MIT, Behnke served as dean of undergraduate admissions at Tufts University for nine years and as associate dean of admissions and dean of freshmen at his alma mater, Amherst College from 1971 to 1976. In addition, he spent several years in his early career as a mathematics teacher and a Peace Corps teacher in Sierra Leone and may continue to travel internationally before retirement. He plans to stay at U of C for at least the next 10 years before retirement.

U of C will increase enrollment

In an effort to strengthen the undergraduate experience, President Hugo Sonnenschein of the University of Chicago created a new vice president’s position that will focus on increasing the size of the college by approximately 1,000 students, while maintaining high quality educational standards.

Behnke will help to implement these plans. Presently, there are about 3,500 undergraduates at U of C. “In many respects, they [U of C] don’t have as rich an infrastructure as MIT does at the present time,” Behnke said.

The new vice president’s position that will focus on increasing the size of the college by approximately 1,000 students, while maintaining high quality educational standards.

Behnke said that the new position will allow him to "build on the great excitement and creativity that is MIT." Behnke said that he is looking forward to working with "long-range planning" and have an opportunity to "get involved in decisions outside of admissions with a larger group of people."

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Charles I. Morton '97 serves in the volleyball match against Harvard University on Wednesday night in Rockwell Cage. MIT lost 3-0.

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HARL Team Redesigns the Role of House Managers

HARL, from Page 1

While RCA agrees with the recom-
mendations set forth by the HARL team, "the chances for suc-
cess are greater with a combined housing and RCA depart-
together," according to the group, which would include housemasters, graduate resident tutors, and grad-
ate housing representatives, Jablonski said.

Currently, RCA supervises house-
agers while RCA oversees grad-
uate resident tutors and housemas-
ters. "RCA feels that there needs to be a redefined housing model that includes staff in the residence sys-
tem, such as housemasters, graduate resident tutors, and houseman-
gers," she said.

Implementing some of the recom-
mendations, such as the consoli-
dation of the assignment process, will enable the portion of HFS and RCA work closer together, said Dormitory Council Vice President Jon Pietz '98, who was a member of the HARL team.

"After talking to lots of people, it seemed beneficial to have certain parts of the offices work together, and it would be beneficial to stu-
dents," Pietz said.

Others were glad that the team did not directly address such a merger. "I was worried that we would see a recommendation to merge HFS and RCA in the report, and I was glad I didn't," said Associate Professor of Political Science Charles Stewart III, housemaster of McCormick Hall.

For a meaningful merger, it would have to be formulated by a group with members drawn from the entire community with lots of input, Stewart said.

"The HARL team as constituted was not that group," he said.

Instead of concerning them-
selves with larger issues, the HARL

team focused in on specific con-
cerns and issues, Pietz said.

Several working groups will now be formed which can deal with the larger issues, she said.

Team incorporates student input

"The HARL team met with many residents in the housing sys-
tem, and incorporated the sugges-
tions they received into their final report," Stewart said.

Overwhelmingly, students told the HARL team of the need to improve the physical condition of the dormitories. "It was remarkably consistent" throughout the dormito-
ries, Bates said. "This was a strong-
ly felt need on the part of the stu-
dents," she said.

The team recommended that the Dean's Office work with Physical Plant to administer the physical as-
pects of the residential system in accordance with standards devel-
oped specifically for the residential system.

The team "definitely hit on the basic physical needs that students were experiencing." — Margaret A. Jablonski

"We are convinced that even higher standards of behavior and performance are required in a living environment than in the workplace," the report said.

The team also recommended a closer working relationship between Campus Police and Night Watch, in accordance with stu-
dents' security concerns, Bates said.

The team "definitely hit on the basic physical needs that students were experiencing," Jablonski said.

Team redelines house managers

The team recommended organizational mecha-
nisms to promote better communication between housemasters, graduate resident tutors, house managers, and housegov-
ernments, according to the report.

The house manager role would be restructured, and the position renamed in order to create an effective-
ive partnership between these groups of people, forming a stronger link between the resi-
dential system and the programmatic resources on campus, the report said.

The hope of the team was that this redefinition of the house man-
ger role would provide better con-
nections within the houses, Bates said.

The team is "saying that MIT needs to figure out how to de-
emphasize business-like things and do more programmatic and academ-
ic things" within the residential sys-
tem, Stewart said.

The plan is designed to help dormi-
itories where students have little say in maintenance issues, Pietz said. "Involving more people in these decisions" will help the main-
tenance situation," she said.

The danger in this is that "the

HARL team underestimates the facili-
ties in the residences that need to be managed," Stewart said.

The Institute has consolidated many student resources, such as weight rooms and music rooms, in the dormitories as opposed to places like the Student Center, he said.

One concern is that, as house managers become more involved with programmatic issues, students would effectively have to become managers of these facilities, he said.

More information to be available

"We want a lot more information available within the residential sys-
tem," Bates said.

The team recommended that a professional building audit of resi-
dences' condition, an inventory of space assignments, a review of the current crowding grid, a summary of annual expenditures and needs, cleaning standards and schedules, a comparison of accommodations for housemasters and graduate resident tutors, and a compendium of desk policies be assembled and dissemi-
nated to dormitories as soon as pos-
sible.

The team also recommended consolidating the residential assign-
ment processes for placing students in residential communities and responding to student housing requests.

In line with this consolidation, they recommended creating an advocate for the residents of the residen-
tial system who would be responsi-
ble for guiding students through procedures and facilitate student problem solving in all aspects of the residential system.

The team felt that this advocate was necessary due to the complexity of the current residential system and policies. Bates said.

It was "easy for students to get lost in the system," Pietz said.

The team emphasized that long range planning for the residential system should involve all elements of the residential community on a regular basis and recommended that the organization of the system be reviewed every five years to ensure that it is performing as effectively as possible.

A new group is being assem-
bled to develop a project plan that will achieve the HARL team's goals.

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The intercollegiate volleyball club extended its winning streak against competition victories by capturing the 1997 New England Collegiate Volleyball League Open title on Saturday. Over 300 athletes representing 30 collegiate volleyball teams from all over New England converged at MIT to compete in this event, which kicked off the official 1997 NECVL season.

In pool play, IVC defeated Babson College, Roger Williams, Providence College, and Southern Connecticut State University, and the University of Vermont. Many players contributed to these early victories. Maurice G. and Brian Bunting provided stable passing and good defense, while Tony Lee G provided consistent control. Sue IVC's strong blocking and hitting, and Roberto Leon G and Gene Van Buren G provided good defense. IVC managed to stifle their opponents' offense to finish 2-0 against teams ranked 15-11.

The NECVL open finals pitted IVC against the University of New Hampshire in a battle of two talented teams. Veteran setter Kogi Asaji G raised his team to victory by down errant passes, deceiving the UNH defenders with perfect sets, serving hard, and digging hard hits. Husband and Kleinman pounded away at the UNH defenders with excellent serving and spiking to help IVC win a close battle against Gordon College in Rockwell Cage on Feb. 13 at 7:30 p.m.

However UNH never gave up and capitalized on a weak IVC rotation to win 15-13 to tie the match. The third game tiebreaker was a nail-biter for fans and players alike. IVC and UNH traded points back and forth with IVC narrowly leading 2-1. Kudel and Asaji gave UNH enough points to win by a margin of 15-13.

15 minutes after the tourment, IVC claimed the 1997 NECVL open championship. The NECVL, an 11-team open division with 2-1-2 wins over UNH and was especially sweet for new IVC players Seel and Fleming, whose consistent middle blocking helped IVC all day. They had never reached this level of competition before, and most other teams thought that of other players, can be attributed to hard work and excellent coaching by Satoshi Asai.

By winning the NECVL open, IVC has established itself as the team to beat in the NECVL this year. The IVC will play at Bradford College in a semifinal game against Gordon College in Rockwell Cage on Feb. 13 at 7:30 p.m.