

Board Requests Suspension of Honor System

Jim Brophy and ITSA to Meet

Faculty and Students Fail to Support System

After a stormy career that lasted three years this month, the honor board will submit its request for immediate suspension tomorrow.

Jim Brophy, Honor Board chairman, in speaking for the Board gave the following statement: "1. The honor system is not functioning as it should. 2. The Honor system has been kept alive in the past few semesters through the efforts of only a few men. 3. The cooperation of neither the faculty nor the students has been satisfactory. 4. The majority of the present student body is antagonistic toward the Honor system. In view of the above conclusions, the Honor Board submits the following recommendation: That the Honor system be suspended for a period of two years and at that time the advisability of reinstating the system be examined."

This request for suspension of the honor system will be presented to the ITSA for action. John Makielski, ITSA president, on hearing of the news, stated the technicalities were unprecedented, but refrained from further comment.

In the fall semester of 1943 after a month's trial during which the system was heatedly discussed in assemblies and in print, the honor board was officially instituted on the campus. Many present veteran students, who returned to IIT after their period of service, remember the efforts exerted by the leading students of 1943 to establish the democratic system. Now the board, on its own recommendation, will ask the ITSA to inactivate it. It feels that it is not able to perform its duties due to the serious lack of cooperation.

The ITSA will meet tomorrow at 4:45 in the east dining room for their regular meeting at which time the decision on the life of the system will be handed down.

Under the present honor system the board is composed of eight elected members and a chairman empowered to hear cases of cheating and submit recommendations for dismissal from the school or other lesser punishment. The recommendations were invariably accepted by the faculty disciplinary committee.

If the ITSA suspends the honor system, the responsibility of enforcing rules of honesty will fall into the lap of the individual instructors, backed by the disciplinary committee. The signing of the pledge will no longer be required.

AICHe Elects New Officers

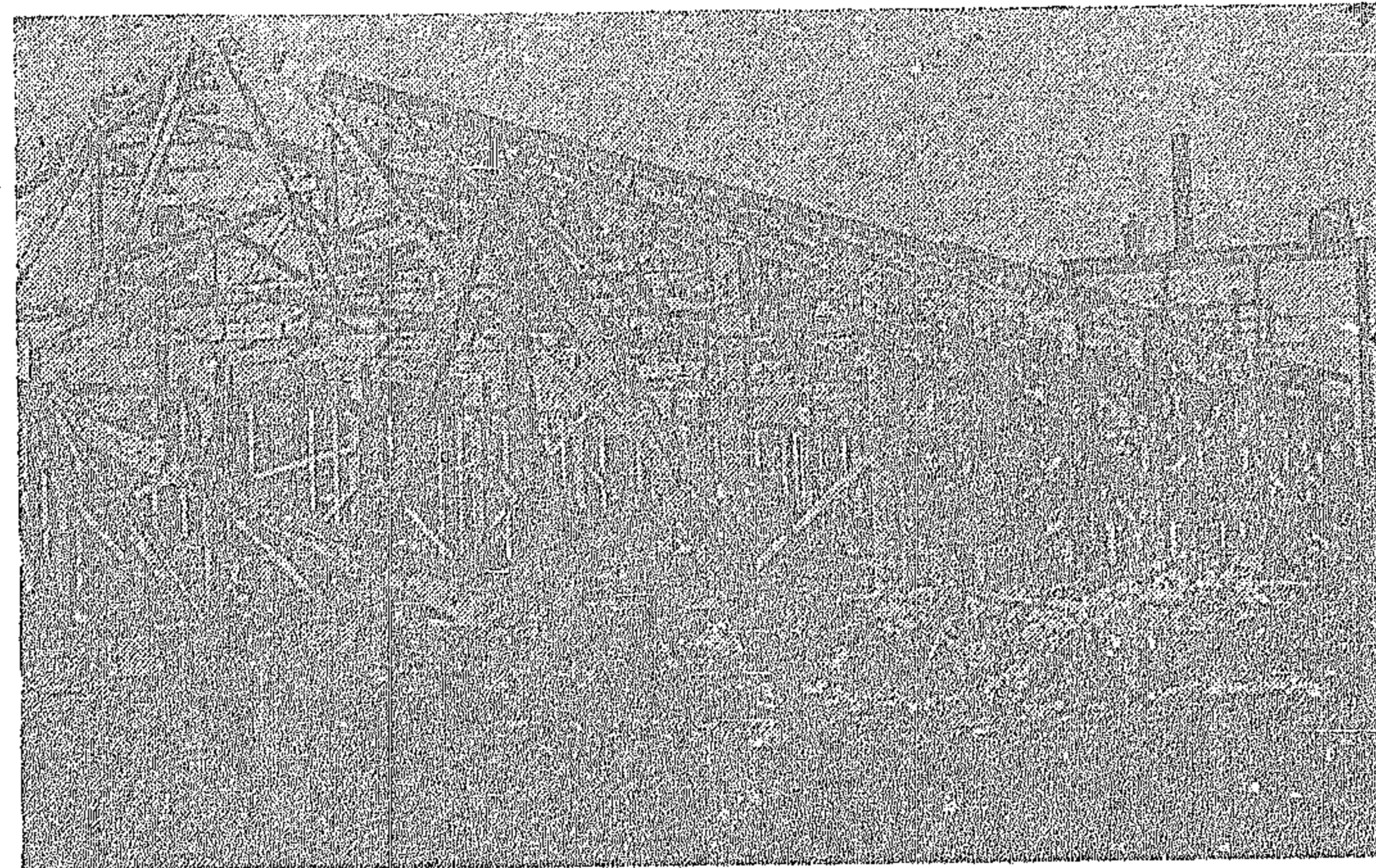
The AICHe held an election of officers for the coming term at the last meeting. Those selected to guide the organization through next semester's activities are: President, Bob Havlik; vice-president, Roger Tate; secretary, John Hayes; treasurer, Lester Templeton; and assistant reasurer, Cliff Youmans.

Dramatech Cancels Play

It was announced this week that Dramatech has cancelled the presentation of the play, "The Male Animal." The play was scheduled to be shown this Friday.

No further plans for the club were divulged for either this or next semester. It is hoped however that "The Male Animal" can be produced next semester.

Embryo Classrooms



TEMPORARY BUILDINGS—Shown above is one of the three temporary buildings to be used as classrooms, to alleviate present "cozy" class conditions. The structures formerly served as Army warehouses.

153 to Receive B.S. Degrees at Commencement

Ceremonies to be Held at Museum of Science and Industry Jan 29

One hundred and fifty-three Bachelor of Science degrees and seven Master's degrees will be given to Illinois Tech graduates Wednesday, January 29, at the Museum of Science and Industry. The commencement program will begin at 8 p.m. in the Main Auditorium and doors will be opened to the public one hour earlier.

Dean of Engineering James C. Peebles, will be the speaker of the evening. The Glee Club and orchestra will render appropriate music. Institute Marshals will be Prof. Wm. Nash, Prof. Wm. Colvert, and W. E. Kelly. Student Marshals have not been named as yet.

Each student will receive four tickets by mail, from Mr. Kelly's office about January 15. Admission will be by ticket only. One hundred and twenty tickets will be available in the second distribution for graduates who need and apply for them. Members of the faculty may apply in Dean White's office for tickets.

Adequate parking space will be available on the drive north of the Museum. Ceremonies will last about an hour and a half.

Rho Epsilon Conducts Formal Initiation Dinner

Rho Epsilon, honorary radio fraternity, held its formal initiation dinner last night. On hand to welcome the new men were faculty members, Dr. M. B. Reed, Professor E. H. Schultz and Professor R. M. Soria.

In reviewing the accomplishments of the pledge class Lloyd Geigel, president, stated that in addition to erecting an antenna system for the fraternity's transmitter, the pledges had built various pieces of equipment which will be used for further experimentation.

The informal initiation was held last Friday night and was highlighted by the operation of the transmitter for the first time with its new antenna system.

Alpha Phi Omega to Hold "March of Dimes" Drive At Illinois Tech This Week

Alpha Phi Omega is conducting the annual "March of Dimes" campaign in the lobby of Student Union this week. The money is used specifically for the care and treatment of persons afflicted with infantile paralysis, as well as for medical research in the causes and prevention of the disease. Eugene Bourdon, president of APO, has urged all to contribute a dime or more for this noble cause.

At the meeting held last Wednesday, reports on the National Convention of APO held in Kansas City on Dec. 28 and 29, were given by John Seegar, Henry Howry and Ed Koncel, who represented IIT. At the convention Dean Jack White, faculty member of APO was elected to the National Board. Plans to compile and publish a school directory were also discussed at the meeting.

ITVets Collects \$200 For Christmas Parties

Contributions to the IT Vet Entertainment Fund exceeded \$200. Both in the amount and the uses made of it, and the Red Cross believes Illinois Tech has set a goal for other colleges to aim at. In a letter to President Heald, Mrs. Max Hillmer, Chairman of the American Red Cross Hospital Service, extended thanks to the student body and personnel for their generosity in the Christmas drive for hospitalized veterans.

Illinois Tech's Vets Club sponsored the drive. Members also arranged for a party to be given Christmas Eve at the Marine Hospital with entertainment from school.

Impressed by the result of taking a personal hand in providing this entertainment, Vet Club members are drafting an active program for next semester. When the part of the fund allocated to Vaughn and Hines Hospitals is to be converted into entertainment for the vets there, Vet Club members will invite other vets from school to participate in planning and providing that entertainment.

Honor I to Sponsor After-Game Dance

After the Techawk basketball game against the U of C tomorrow, Honor I will sponsor an after-game dance in the SU auditorium. It is to be held in conjunction with the Dance Club and Dance band.

The game will be at 5:30 p.m. at Valentine gym, 34th and Emerald. The dance will be at 8 p.m. in the SU, which allows time to travel back from the game. This dance will also be a regular meeting of the Dance Club.

Admission is free, and the dance club has invited girls from several organizations to be present. If the turnout is satisfactory, these after-game dances will be continued.

Cafeteria Puts End To Udder Nonsense; Pulls Down Milk Price

The recent reduction in the cafeteria prices for milk from eighteen cents to fifteen cents a pint is due to a change in distribution. The milk is still being purchased from the Bowman Milk Co., said Andy Keeny, but instead of receiving it from a wholesale-retail agent whose commission is added to the cost, the milk is secured from a direct wholesale distributor. Any further reduction, if at all possible will be made, said Keeny.

\$550 Raised on School Tag Day

"The two Christmas parties, which were staged for the benefit of neighborhood children by the Illinois Tech Community Service Committee, were a great success with over 500 underprivileged children attending," stated Felix Rosenthal, Chairman of the Executive Committee of the CSC.

Financed by approximately \$450 netted from the sale of tags on the recently initiated "Neighborhood Tag Day" and a \$100 contribution from the Chicago Defender, which promised enthusiastic aid in future fund-raising activities, the Committee treated the children to entertainment, ice cream, cake, candy and distributed gifts to them.

A drive for the collection of ice-skates for children of the community is currently being staged. Contributions may be left any time this week in the post office in the SU.

by BILL BURKHART, Editor

WITH FINAL EXAMS still a couple of weeks away, there are reports making the rounds that some instructors and professors are making plans to have the finals in their courses moved up in advance of the scheduled dates. The reason usually given is that it imposes too great a hardship upon the instructor to have his papers graded after the semester ends; while there are classes, student graders are still available.

Maybe there are cases where this procedure isn't especially out of line, and there may be cases where it is actually better, from the student's viewpoint to have the exams early. But it would appear that in most instances, it is unfair to expect a final exam to be given during a period when a person must write reports and hand in daily work in addition to studying for finals.

Final exam schedules were drawn up so that undivided attention can be given to study: They should be used.

NEXT SEMESTER WILL start with a bang for the party boys: So far, every class but the juniors have dances and parties planned for the middle of next month. The juniors just had their big dance, or they'd have one, too. Added to this, the interfraternity dance to be held will be strictly formal. It looks like social activities are picking up at a rate which can result in IIT hitting its prewar peak when each dance was bigger than the one before.

Senior Farewell to Be First Formal at IIT in Three Years

The Senior Farewell dinner dance will be held at the Shoreland Hotel on Jan. 27. Lou Brownie and his orchestra, currently featured on Monday nights at the Chez Paree, will provide the music. The question of the manner of dress has been decided in favor of tuxedos for the men, making this the first strictly formal affair in three years. The affair will last from 7:00 p.m. to 12 midnight.

Included in the evening's entertainment will be reading of the class will and the class prophesy.

The cost per couple will be approximately \$8.00 depending on the number of bids sold. The exact price will be announced next week. A deposit of \$1.00 will reserve a bid. Payments should be made to either James Hartnett, Ed Arends, or Jo Nicholas by tomorrow. The total payment for the bid must be made before the end of the semester.

"21" Means Woodchoppers' Ball Eve of Washington's Birthday

The "21" campaign, evidenced by the puzzling signs on the campus, has announced that February 21 will be the date to remember. Ed Zeitz and Charley Mattes, social chairmen of the Sophomore and Freshman classes respectively, designed the arresting posters to publicize the "Woodchoppers Ball" to be held on the eve of Washington's Birthday.

The Continental Hotel's Grand Ballroom will be the scene of the dance, Joe McNerney and his orchestra furnishing the music for the event in a tempo suiting the style of the Techawk. A roving trio, found to be so popular at the junior dance held last December, will again provide intermission entertainment.

This will be the first dance of the semester and since the day following is a holiday, there need be no fear that the boogey of Saturday morning classes will rear up to spoil the evening. The affair will be informal,

A system new to IIT in the line of bid arrangements will be inaugurated when the bids for the Woodchoppers' Ball go on sale January 20. Both a receipt and an invitation will be given when the bids are purchased, the invitation to be sent to the date and the receipt used to obtain a souvenir bid at the door.

A booth will be set up in the lobby of the Student Union for sale of these bids. It is recommended that, to avoid possible disappointment, any group desiring reservations for a table or group of tables see Zeitz or Mattes as soon as the bids go on sale.

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Man Of The Week

Martin Salmon Is Member of Tau Beta Pi, Chi Epsilon, ASCE

by Walter Zwierzycki

Technology News heads its 1947 scroll of Men of the Week with Martin Salmon, eighth term CE. Graduating from White Plains High School, located in New York, in 1940, he entered Cornell University that fall. There Marty completed the first two years of his schooling before leaving for the army.

He spent twenty-six months in the AAF, most of which time was spent in the Southwest Pacific.

There he was attached to the 866th Air Engineer Battalion, which wandered through New Guinea, Leyte, and Mindoro leaving a trail of new buildings, hospitals, warehouses and air strips behind it.

His duties in the army gave him some practical experience in construction work and thus he does not feel that his time in the service was completely lacking in the furtherance of his education. Nevertheless, he did not turn down that white slip of paper they offered him in the early part of 1945.

Again a civilian, Marty found his home was now in Chicago, where it had been prior to 1937 when his family migrated east to New York. Since he found himself once more in Chicago he decided to follow in the footsteps of his older brother

Marty started his fifth term of civil engineering here at IIT in July, who previously had attended Armour.

Salmon is a member of Chi Epsilon, Tau Beta Pi, national engineering honorary fraternity, and the student branch of the American Society of Civil Engineers. Last semester he served as president of Chi Epsilon and vice-president of the ASCE.

After graduation, Marty plans to continue at IIT in the Graduate Division working for a ME degree.

He believes, "Eventually all engineering courses will be extended to five years to more adequately cover their respective fields."

INFORMATION FOR FREE

There has bin much hew and kry uv late two introwdooce knew sistems intwo the English language. The hews and kryns raynge frum a campane bye George Bernard Shaw two boost the alfabet two forty-too letters two an infilltrayshun uf fonetik spelling intwo daaly reeding.

Four allmoast a senchury Shaw has inflickted himself upon the heman race, ahshueming that his oh-kayshunal soretys intwo the wurd uv wit and literachure hav bin sat- isfakshun. Amung the eksentricities in witch the old jentelman has gloreed is the matter uf an enlarjed alfabet. Four meny yeers he has looked disdanefully upon the heman race, uv witch he is loth to admit he is a member, four strug- ling along these senshuries on 26 letters.

Purrhaps he is rite. He cuud find meny recroots four his campane amung the syentists uv the wurd. Theigh hav fownd it difikult to re- strikt itself two 52 capitall and smahl letters, fourging intwo the relm of the Greeks two suplement its vocabulary. Hoo amung them, four instance, has knot yoused "v" two designate velocity, volyume and viscosity?

Taching up the cudjel on behaf uv fonetik spelling is the champeun uv the smahl man, the Chicago Trib- yune. The daaly cownterpart uv Teknolojee Noose has tachen grate strides inn simplifieing ishues uv the dae. A freight trane is know langer a freight trane butt a frate trane. Und is ein shutter-klikker a photographer? Know! know! know! know! He is a fotografer.

Weather the fad will serve can bee determined only bye the peepul hoo halve bin willing to wade threw fyve paragraphs uv the stuff to stagger intwo the finul sentense.



Does your dog have a Tau Beta Pi key? Probably not. Neither has the Digger; therefore the Digger must be a dog, and to prove it, the following evidence is offered:

Dick "Kissey" Michalsky got along very well with Irene (Vin. 10373, better take it down boys, it's not in the telephone directory) Radvilas while working at the IITV's collection booth before Christ- mas. Now—alas—there is a rift in this beautiful friendship. It seems Irene invited Dick to a house party but he turned her down the last minute, claiming sickness. Irene later learned that he was sick all right, but that was after he returned from another party the same night. Later, Dick was heard to remark, "Oh, I never did go for small, clinging blondes anyway."

Ray Nordhaus and his girl friend, Jo, invented a new type of dance step which they think should be an all-time success for lovers that are too sick to learn dancing. No complicated Arthur Murray dance charts, no Latin hip crushers are used. The system only requires two people firmly entwined in the darkest corner, just swaying from side to side with the music.

Many people traveled during their Christmas vacations — however, Bob Schlager overdid it. Living out of town, he made many trips to Chicago in his efforts to two-time a couple of blondes. Bob claims that he "eagerly looks forward to the lull between semesters to recuperate from the opera- tions."

The most unique excuse of the New Year has reached the ear of the Digger. Dave Smith claims his ankle was broken when he stepped on a marble on the edge of a high curb in a dark alley while trying to start a fire in a basement.

There was a hidden story behind the pledging of Ronny Lind to Pi Nu Epsilon, the musical fratern- ity, avers Jake Dumelle. The fact that Ronny was with the Glee Club for four years has nothing to do with it. Someone in the fraternity swore that Lind was the grandson of the famous Jenny Lind.

Timed like an Elgin watch, John "Curley" Horn became the father of the first 1947 baby in Rockford, Ill. As a result, John's family was endowed with gifts ranging from rattles to carriages from the Rockford residents. Sorry, boys, no more cigars—you'll have to wait until next New Year's Day—maybe.

The Digger

Curtain Call

Bill Knowles

There doesn't seem to be much doubt about it: for tops in laughs, drama, and skillfully disguised and palatably presented preaching, it's a G. B. Shaw every time. If this sounds slightly in the Hollywoodish superlative vein, try the old boy out yourself. Just now a new organization called "Theatre Incorporated" has resurrected Pygmalion and is presenting it at the Selwyn with Gertrude Lawrence and Dennis King in the leads. Truly with Pygmalion at the Selwyn and with Harvey right next door at the Harris, the area around Randolph and Dearborn suffers mightily from small earthquakes caused by the laughter which thunders out from both theatres.

But a little about the play. Pygmalion in Greek mythology was a sculptor of Cyprus who created a beautiful statue which he called Galates. His creation was so perfect and beautiful that he fell madly in love with it. His love for this cold, but wonderful, block of marble was so great that Venus rewarded his talent and love by bringing the statue to life. As far as I know the Greeks considered this the end of the story.

But to Shaw this gift of life was the beginning. After Galatea was alive then what? What was she to do? How should she use this gift? What if any were the responsibilities of Pygmalion toward his new creation? Such are the questions Shaw wants answered.

To find the answers he brings the story up to date a little. His Pygmalion is now Professor Henry Hig- gins, a teacher of phonetics. His rough marble L. Eliza Doolittle, a slovenly Cockney flower girl, whom he takes from the gutter and transforms into a cultured lady capable of passing herself off as a duchess at the king's garden party. Just as was Galatea, she is given a new life. Now, says Shaw, Pygmalion (Hig-

[See CURTAIN CALL on page 3]

I Have Neither Given . . .

After three years, the Honor System looks like it's finally washed up. The Honor Board, the group elected by IIT students to administer enforcement of the System, will request that the Honor System be suspended. Last week the Board refused to handle a case and asked that the faculty discipline committee act in its place.

Everything else has failed. Perhaps an out- right suspension of the System will succeed where enforcement has failed.

But why has the Honor System failed to live up to the hopes which were voiced by those who introduced it to the Illinois Tech campus? In almost every other college where the system has been in effect, it has been observed by the student bodies. On most campuses, it has become a tradition to be honorable.

Has the Honor System failed because of a failure of the honor of Illinois Tech men? Frankly, we don't know. It is true that one cannot import a tradition and expect it to grow overnight, but the fact remains that at Illinois Tech, the tradition hasn't grown any in three years. Does the lack of growth indicate merely a lack of interest, or more seriously, a lack of honor?

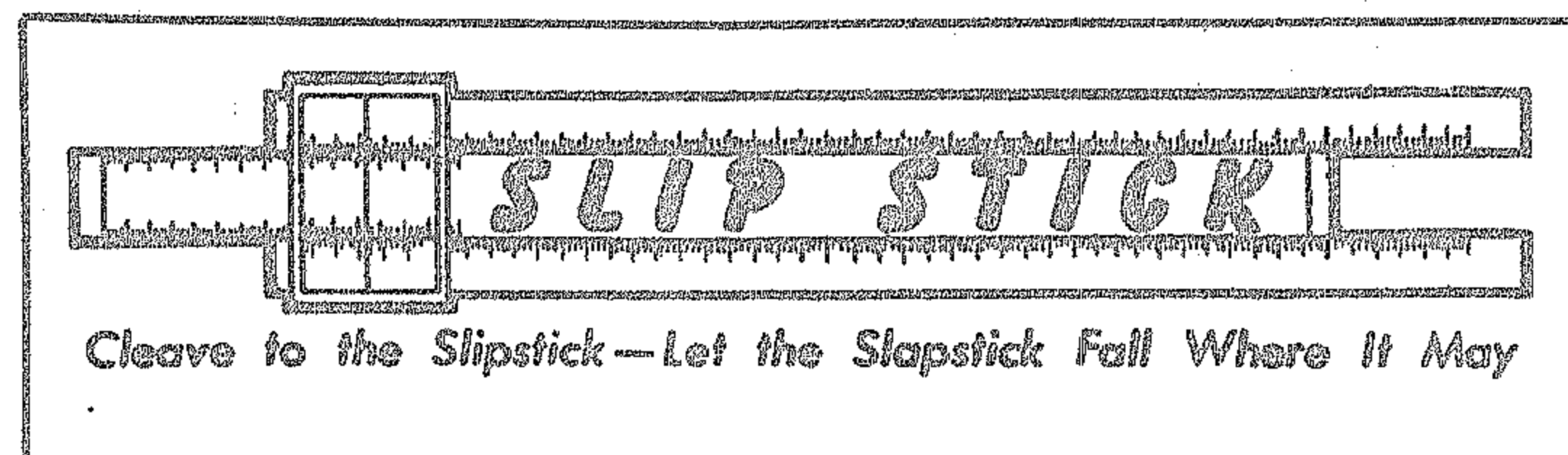
It would seem that the two would go together, and it is obvious that Illinois Tech students just don't give a damn about any Honor System.

Only Slightly Used

The Bookstore management has made an urgent appeal to all students to sell their used textbooks to the Bookstore for resale next term. Delivery on many texts has been put off for months due to strikes and the acute paper shortage. Thus many students face a Lincoln- esque, "can I borrow your book to read tonight; I'll have it finished by morning," situation.

In its appeal the Bookstore appears to be very understanding and helpful. But in the light of their second, third, fourth and fifth hand book dealings in the past we seriously wonder. It has been common practice to mark up the re-sale price one dollar over that paid for the book. This, in most business circles, would seem to be a nice profit for taking on a product which could be resold within 15 minutes without twisting anyone's arm.

The students will, frankly, be "over the barrel" as far as textbooks are concerned. It will be the Bookstore's chance for a fine killing with the expenditure of a minimum of effort. We are well aware of the fact that the Book- store is not a non-profit organization and that it is run to make a profit and usually satisfac- torily accomplishes this aim. But from this end it seems that it is about time to start debiting that goodwill account, which has had a negative balance for so long, by keeping exploitation down to a minimum as far as second hand sales are concerned.



Engineer (to shop girl): "Do you take anything off for cash?"

Girl (indignantly): "This is a store, not a burlesque show."

—IT—

CO: "Who brought you here in this disgraceful condition?"

Yardbird: "Two MP's, sir."

CO: "Drunk, I presume."

Yardbird: "Yes, sir, both of them."

—IT—

"Certainly my daughter is a good girl," said the mother. "Every time she goes out she comes in with a Gideon Bible under her arm."

—IT—

"Did 'oo forget your wench?" the cutie lisped to the plumber who was fooling around beneath the sink.

"No, baby," he replied. "I'll get to you in a few minutes."

—IT—

"Why does Geraldine let all of the boys do what they want with her?"

"She once slapped a boy who was chewing tobacco."

—IT—

Then there were the two nu- dists who quit going together because they thought they were seeing too much of each other.

—IT—

"Marry my daughter? Ha! Young man, you couldn't even keep her in underwear."

"Ha! Sometimes you don't do so well at it yourself."

—IT—

She laughed when I came to the piano—but she got scared when I came over to the divan.

—IT—

In closing we say, perhaps Adam didn't have a funny bone, but he sure had a lot of fun with a spare rib.

THE OBSERVER

LOU FISHER BOB GUTHRIE

Midwest Liberalism?

The middle west and west are sometimes believed to be liberal, even radical, in politics because of populism, the granger movement, free silver and similar public expressions. Liberalism is defined as inclined to democratic or republican ideas, progressive, independent. As such, its practices are not restricted to any one, but cross party lines. In the light of the above definition, can the west be considered as liberal?

Progressive public officials have a hard time in this region. Illinois had a great leader back in the 1890's, but Governor Altgeld went down in defeat while his greatness is at last recognized in the recent book, "An Eagle Forgotten." Illinois has changed little since his time in its disregard of independent government officials.

Just north is the state of Wisconsin, where the progressive party was synonymous with good government and the name of La Follette. The "Elder Bob," as governor and senator, broke the Wisconsin party machines and fought all his life for the farmer and the small man. He died, but the two sons carried on the traditions of their father. "Young Bob," the senator, is one of the truly great progressives. His good works are many, the most recent of which was the reorganization of the Senate. But the progressive party had been weakened by the war and good times; "Young Bob" was defeated in the republican primary by a party hack. And so the country lost its ablest senator.

Out of Nebraska, as a Republican representative, came George W. Norris. For 40 years in Congress, he grew more progressive and more alone in his party. Without patronage, independent Norris broke the power of Speaker Joe Cannon, fought for farm relief and much other sorely needed legislation. But the "grand old man" of the Senate was defeated in 1944 by an unknown candidate, now Senator Wherry. The reasons for defeat are given as old age, failure to campaign, etc. This may all be true, but also prosperity had returned to Nebraska.

There are many other examples of excellent public officials who lost. To blame the defeat of such men as a trend away from liberalism is to assume that the west was ever liberal. This is a mistake, as essentially populism, free silver and the like are protest movements caused by depressed farm prices,

King Oliver and His Horn Scorched 35th and State

by Bob Havlik

With the closing of Storyville in October 1917, most New Orleans musicians travelled north to California, New York, and Chicago. Thus by the time Joe "King" Oliver arrived in the Windy City, there were several good jazz bands playing here on the South Side. The competition for good musicians here was high. When Lawrence Dewey, leader of a band at the Dreamland Cafe, at 35th and State, heard that Bill Johnson, leader of the Royal Garden Cafe band, had sent for Joe, he immediately set out to steal him for his own band. Joe, in order not to disappoint either of them, both of whom were his friends, decided to play in both bands. He played at the Gardens until midnight and then went to the Dreamland where he played until the wee hours of the morning. This was no effort for the hardy New Orleans musician who was used to playing in parades all day and night clubs all night.

While playing with the Royal Gardens band, Clarence Williams, (See KING OLIVER on page 6)

CAMPUS COMMENTS

(EDITOR'S NOTE: This column is for expression of ideas from readers. Letters containing not more than 250 words will be printed. Anonymous letters will not be considered for publication, although a writer's name will be withheld from publication if desired.)

LETTER TO THE EDITOR: Thy Honor System, Honor

The Honor System is failing. Observation of tests conducted now will satisfy anyone. Why it is proving unsatisfactory? The ideals are there, the "teeth" in the system are present, why shouldn't it work? Because no law will work unless enforced and enforcement of the Honor System depends upon the student.

The system is not some insidious device of the faculty to put the burden of test supervision upon the student. The professors leave the classroom, putting the individual on his honor. Analyze that word. Do you, as a college man, feel that you need an instructor protecting every quiz? Don't you feel that with study you can pass any course? Why not use your sense of honor—don't make your classmate break his word by giving you aid—don't give aid to anyone and stop the few unprincipled ones who will not do this.

In that last sentence is the crux of the situation. Of what value is it to take a quiz under fair methods and let two malefactors discuss the answers? In self-preservation one

Either we must enforce this system or discard it. The first alternative is the better one. We are striving to make engineering a respected profession—honorable one. Why not start college? To discard the system is to admit defeat of this goal—to allow it to continue to aid those without principle is wrong.

(Signed) Jacob Dumelle.

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CURTAIN CALL

(Continued from page 2)

gins) is responsible for seeing that his Galatea (Eliza) makes some good use of that life.

Well, briefly, that is a summary of the "message" of the play. It sounds a trifle on the heavy side, doesn't it? But, if you know Shaw, you know that he paints even the darkest pictures with the lightest and most sparkling pigments. His scene in the second act where the half-finished Eliza is presented to high society on trial is witness to that.

Gertrude Lawrence, whose own career parallels that of Eliza in that she, too, started out in the slums of London and has now risen to be the toast of the town, gives her role a vivacity, charm and tenderness that makes you laugh hardest just when the waterworks should be flowing full force.

Well, so much for Pygmalion. Now all you have to do is restore Messrs. Fisher and Guthrie's faith in the dignity of the Chicago man by splitting your sides in laughter at the Selwyn instead of at the Rialto.

Tankmen Win, Cagers Lose at Lawrence

Swimmers Remain Undefeated As Lawrence Succumbs 63-13

Sparked by co-captain Joe McNerney, the Illinois Tech swimming squad trounced Lawrence College 63-13, in a dual meet last Saturday at Appleton, Wisconsin. The victory was number four in as many starts for the tankmen who have conquered Loyola, Chicago Teachers College, and De Paul in previous meets.

The Techmen asserted their superiority early in the meet, winning the first three events, giving way to the Vikings Miote in the backstroke event, and then finishing the meet by taking firsts in the remaining events. Along with McNerney, John Makielski and Ernie Helmer protected their individual undefeated season's record. McNerney took firsts in the 50 and 100 yard free style events. Makielski repeated by taking top honors in the diving competition while Helmer added five points to the Tech total by winning the breast stroke event.

The swimmers set a new school record in the 400 yard relay in their conquest of the Vikings. The relay squad composed of Nelson, Maier, Mitchell, and McNerney turned in a time of 4:04.2, beating the previous record by 2.4 seconds.

Summaries:

50 YARD FREE STYLE—Won by McNerney, Illinois Tech; Schmidt, Illinois Tech, second; Watson, Lawrence, third. Time: :25.2.
100 YARD BREAST STROKE—Won by Helmer, Illinois Tech; Beckman, Illinois Tech, second; Jonge, Lawrence, third. Time, 1:12.5.
200 YARD FREE STYLE—Won by Nelson, Illinois Tech; Elsemann, Lawrence, second; Alterman, Illinois Tech, third. Time, 2:25.2.
100 YARD BACK STROKE—Won by Miote, Lawrence; Maier, Illinois Tech, second; Axelrood, Illinois Tech, third. Time, 1:09.1.
100 YARD FREE STYLE—Won by McNerney, Illinois Tech; Mitchell, Illinois Tech, second; Colvin, Lawrence, third. Time, :57.9.
DIVING—Won by Makielski, Illinois Tech; second; Hinze, Lawrence, third.
150 YARD MEDLEY RELAY—Won by Illinois Tech (Axelrood, Helmer, Schmidt). Time, 1:30.
400 YARD RELAY—Won by Illinois Tech (Nelson, Maier, Mitchell, McNerney). Time, 4:04.2.

Two Meets This Week

At 7:00 p.m. Friday, the swimmers will play host to Chicago Teachers College in a return meet at the Valentine Boys Club pool. In the first meeting of the two schools, the Techawks whipped the CTC crew 52-22.

North Central College will provide the tankmen's opposition Saturday in a dual meet at the Valentine pool at 3:00 p.m. Little is known about the Naperville aggregation although latest reports indicate that the suburbanites will give the Scarlet and Gray their first real test of the current campaign.

DePaul Swamped 76-7

Winning every event by large margins, the Illinois Tech swimming squad beat DePaul University 76-7 in a dual meet last Friday. Paced by Joe McNerney, the swimmers had little trouble in chalking up their third straight victory. McNerney shattered the 60 yard free style mark by .9 seconds, swimming the distance in 30.7 seconds.

Seven Win Smokes In Prophet Contest

Seven men have received awards in the Technology News sponsored "Pick the Winner" contest in the first eight Illinois Tech basketball games. John Seegers, Senior Civil, has won two of the contests which enables members of the student body to pick the winner and the score of the Techawk cage games during the current campaign. For their winning selections in this unique contest, the victors receive two cartons of Chesterfield cigarettes.

The winners and the games for which their entry was the best selection are as follows: Dave Hoffman, Loyola; Carl Bergstrom, Chicago Teachers; Jim Gibbons, George Williams; Wally Gow, U of C; Dick Lund, Lake Forest; John Dailey, De Paul; Seegers' winning combinations came in the Concordia game and in the return match with Lake Forest.

Sixty Universities and Colleges Indicate Desire To Participate in Relays

More than sixty colleges and universities from 17 states have already indicated intentions of entering the 1947 Illinois Tech Relays which will be resumed at the University of Chicago Fieldhouse on March 15 after a three year wartime lapse, Athletic Director John J. Schommer today announced.

Notre Dame University, coached by E. R. "Doc" Handy, which won the 1943 university championship over a field composed of Illinois, Michigan, Michigan State, Marquette, Indiana, Missouri, Northwestern, Purdue, Wisconsin, Drake, and Chicago, will enter a full squad in defence of its title.

In the college division tentative entries have been received from every team which scored a point in the 1943 games, with the defending champions, Michigan Normal of Ypsilanti, heading the field of forty.

Among the states which will probably be represented are Illinois, Indiana, Wisconsin, Missouri, Michigan, Nebraska, Alabama, Texas, Tennessee, Iowa, Louisiana, Kansas, Colorado, Ohio, Minnesota, South Dakota, and North Carolina.

Cagers Lose to Vikings 63-40, Win Again From Lake Forest

The Illinois Tech cage squad dropped their sixth encounter in nine starts last Saturday, suffering a 63-40 defeat at the hands of Lawrence College on the Vikings home court. The Wisconsin squad led at halftime 39-17 and were never pressed for the lead at any time during the game. Jim Oldshue, Techawk center, garnered 18 points to clinch individual scoring honors for the evening.

The Techawks found considerable trouble in setting their defense and the Vikings took advantage of the Scarlet and Gray's dilemma by piling up a big lead which the Techmen found impossible to overcome. Lacking the services of guard Ned Grable who failed to make the trip, the Techawks fast break attack failed to click satisfactorily. Ten of the eleven members of the Lawrence crew aided in the scoring column.

Techawks Beat Lake Forest

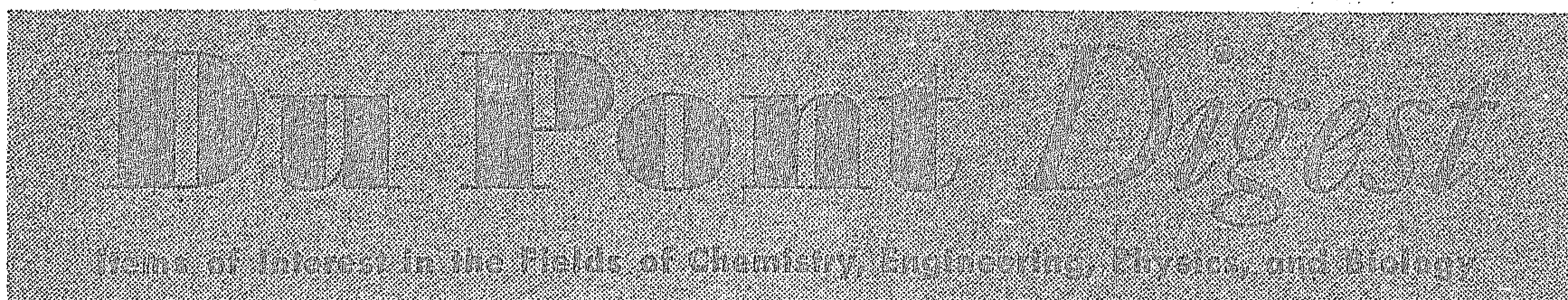
In the return game with Lake Forest, the Techawk cagers again beat the north shore squad on their home court, 72-51. Paced by guard Ned Grable who led scoring for the evening with 22 points, the Techawks were never behind during the entire contest. It was Illinois

Tech's third victory of the season, this being the second at the expense of Lake Forest.

DePaul "B" Team Victorious

In the last game before the holidays, a mighty DePaul squad, comprised of players who were declared ineligible for regular varsity competition, dealt Illinois Tech cage defeat number five by a 90-55 count. Although the Tech squad proved to be no match for the "Home of the Mikans" squad, the Techawks found many holes in the DePaul defense. As evidenced by the score, the game was an offensive game for both teams.

Lawrence (63)	B F P			Illinois Tech (40)			
	B	F	P	B	F	P	
Larson, f	1	1	1	Smart, f	2	1	5
Swenson, f	4	2	1	Fleck, f	1	1	1
Miller, f	3	1	4	Behrens, f	0	1	2
Hall, f	1	5	1	Oldshue, c	6	6	5
Davis, c	3	2	4	Swanson, c	0	0	3
Vand'rwyd'n, c2	4	3	3	Murphy, g	5	2	4
Burton, g	4	0	2	Bailey, g	0	0	0
Bahson, g	3	0	5	O'Geary, g	0	1	4
Cooper, g	0	0	1	O'Connell, g	0	0	1
Boya, g	1	0	0	S'him'lp'nig, g2	0	1	0
Curry, g	2	0	3				



High-Pressure Synthesis Opens New Chemical Fields

A Challenge to Research Men and Engineers

The use of techniques involving pressures up to and above 1,000 atmospheres (15,000 lbs. per sq. in.) has had a tremendous influence on chemical manufacture in the past twenty-five years.

The availability of unlimited quantities of nitrates via ammonia from nitrogen of the air by high pressure synthesis has greatly affected chemical economics as well as agriculture.

The plastics industry, too, has benefited greatly by the reduction in price of urea from about 80¢ lb. to less than 4¢, and methanol (to give formaldehyde) from \$1.25 gal. to less than 25¢.

High pressure syntheses have also participated in a major way in the development of entirely new products such as nylon and polythene. In fact, starting from coal, air and water, Du Pont now makes over 120 widely used products.

In addition to improving the existing processes of manufacturing ammonia, methanol, higher alcohols, urea and other important chemicals, Du Pont organic and physical chemists, chemical, mechanical and metallurgical engineers have discovered and developed high pressure syntheses for the following: ethylene glycol; hexamethylene diamine; acetic, propionic and hydroxyacetic acids; methyl formate; C₆-, C₁₀- and C₁₂-alcohols; and numerous others.

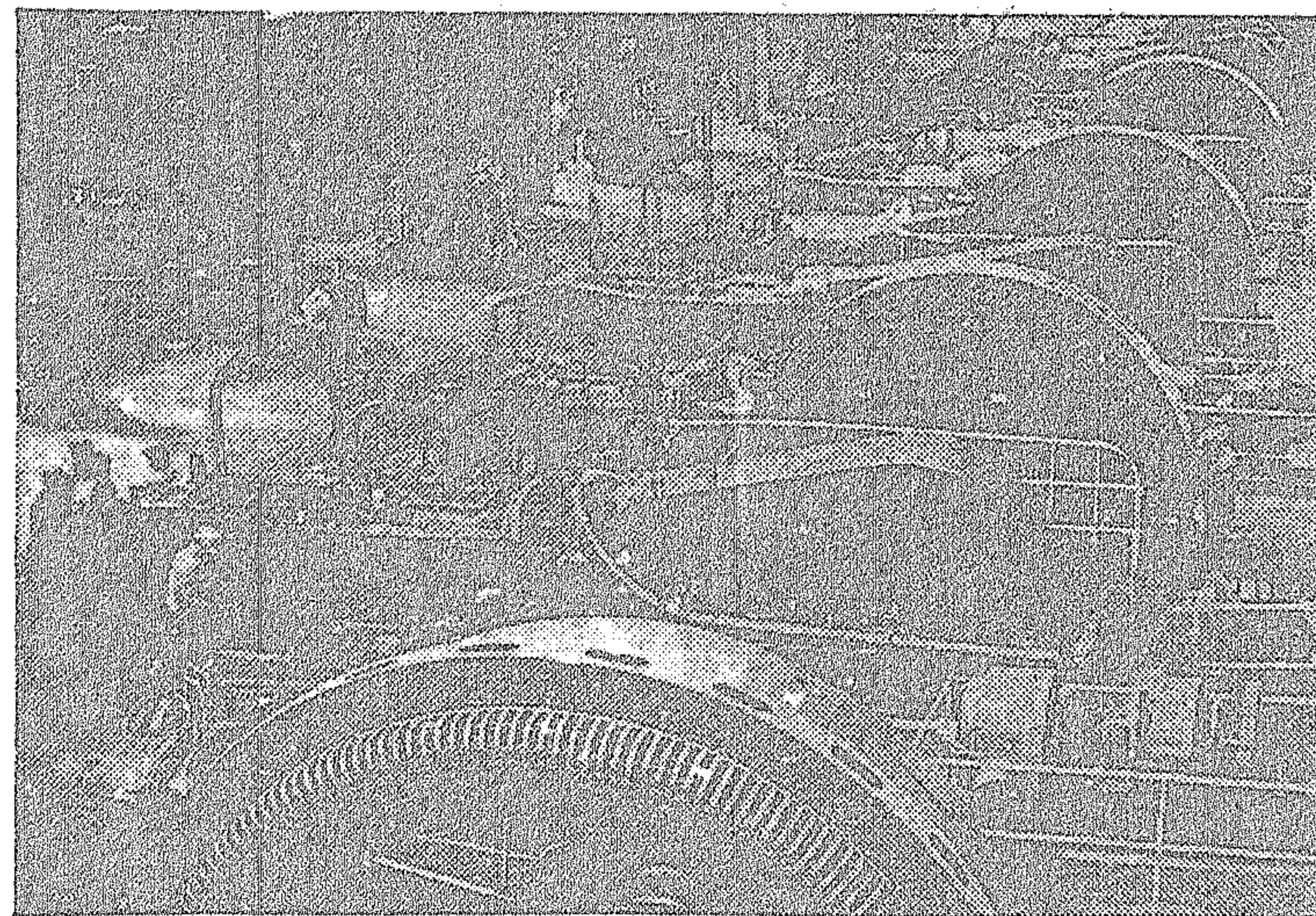
Advantages and Problems

The use of high pressures offers numerous advantages familiar to technical students, such as: (1) forcing an equilibrium in the direction of a volume decrease, (2) overcoming the reversing effect of high temperatures in exothermic reactions, (3) increasing reaction and through-put rates and (4) providing, in some cases, a liquid phase which might not otherwise be present.

The synthesis of urea from carbon dioxide and ammonia is a good illustration of some of these principles:



With three moles of reactants and only two of resultants, increase of pressure gives an expected increase in conversion.



A Battery of Hyper Compressors Used to Bring Gases up to 700-900 Atmospheres Pressure in the Ammonia and Methanol Syntheses.

At the same time, the gaseous reactants are forced into the liquid phase to give higher concentrations and again better conversion. The reaction rate and therefore the rate of passage through the reaction chamber are both increased by increasing the temperature under high pressure conditions. There are other equilibrium considerations that affect the industrial production of urea, but they are too lengthy to discuss here.

Along with its advantages, the use of high pressure gives rise to problems that often severely tax the abilities of engineers and chemists. For example, (1) difficulties of design of packing glands, valves, connecting rods, closures, etc., increase rapidly with increased pressure, (2) extraordinary corrosion problems arise in which even stainless steels are attacked and cannot be used, (3) ordinary steels are permeable to hydrogen at higher pressures and temperatures. These are but a few illustrations of the challenge that high pressure studies present to the technical man and particularly to the metallurgical and mechanical engineer.

High pressure synthesis has now become a separate field of industrial chemistry with an apparently limitless future.

Questions College Men ask about working with Du Pont

What kind of a technical organization does Du Pont have?

There are ten manufacturing departments in Du Pont, each operating as a separate organization and each with its own research and engineering staff. In addition, there is a central chemical department and a central engineering department. Consequently there is a wide variety of research and engineering work available to chemists, engineers and other technical specialists. For further information write for the new booklet "The Du Pont Company and the College Graduate," 2521 Nemours Bldg., Wilmington, Delaware.



BETTER THINGS FOR BETTER LIVING ... THROUGH CHEMISTRY

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More facts about Du Pont—Listen to "Cavalcade of America," Mondays, 7 P. M. CST, on NBC

Fraternities and Sororities

RHO DELTA RHO

Rho Delta Rho's new social chairman, Ralph Solomon, announced that the fraternity would round out this term's activities with a scavenger hunt this Saturday evening.

Ralph Solomon further pointed out that the fraternity this term had one of its most active seasons. During the last month the fraternity played host to its alumni group in an informal smoker at its Princeton Avenue Headquarters and held a very successful New Year's Eve party at Carvyn and Leonard Ellman's home on the north side.

Continuing its new series of social meetings, Rho Delta Rho last week honored brother Joe Abrams, who was recently married, and its undefeated basketball team. Team Captain Marvin Cohn assured his fraternity brothers that the team anticipates little difficulty in its march towards the IF basketball championship.

TRIANGLE

The pleasant blending of jingle bells and marriage bells highlighted the yuletide social calendar of Triangle Fraternity. Climaxing a gala series of parties were the marriage vows of Brother "Bud" Schmidt and Phyllis Hagar of the Lambdas. Festive gaities welcomed in the New Year with a party which was well attended by the chapter's ever active alumni. The New Year was greeted to the company of fraternity song and spirits; Chesterfields were available to all persons present at the party.

The first meeting of the year witnessed the formal installation of officers. Roy Norriander and Carl Weber, senior M.E.'s, took over the offices of president and vice-president so ably held by the retiring leaders, Bob Backlund and Bill Bloudek.

Plans are already being made by the new social chairman, Schmidt, for the dinner to follow the formal initiation of pledges.

ALPHA SIGMA PHI

Social activities of Alpha Xi chapter for the past few weeks were partially restricted with many members

being out of town for the holidays. Nevertheless a gala New Year's Eve party was enjoyed by a good many town men who were on hand for the occasion.

The weekly meeting held recently resulted in the selection of new Alpha Sigma Phi chapter officers. Lloyd Johnson was chosen to represent the body as president; Skip Skinner became vice-president; Bill McKeown is treasurer; Roger Drefin attends to corresponding matters; Bob Scharding is recording secretary; the house manager is Bob Oldenburg; Jack Smith is the fraternity marshal; Don Ennis is steward and Malcolm Greenlaw is associate editor of the *Tomahawk*. These men will continue in the above stated capacities for the coming school year.

KAPPA PHI DELTA

The Kappa's had a short business meeting before the Christmas party which was held at Rosemary Eterno's home on December 22. During the meeting final plans were made for a coke and cookie sale which will be held January 14 at 10:30 a.m. in the Student Union Lobby.

Plans were begun for a sleigh ride party, or hay ride, which will be held some time in February.

During the vacation the actives attended the Kappa alumni Christmas party which was held at the Cordon Club on December 30. The actives also attended a slumber party at Raleigh Patterson's home on January 2. No one escaped without having her face washed with snow.

Jackie Edwards, vice president, attended the Chicago Student Conference held at the University of Chicago. The purpose of this conference was to organize a National Student Organization.

Miss Ruth Severud, sponsor of the active chapter, spent a two weeks vacation visiting her family in Miami, Florida. We were sorry she couldn't attend our affairs but she came back with a beautiful tan.

Farewell Assembly For Dr. Roys Friday

A farewell assembly will be held for Dr. Carl S. Roys this Friday in the auditorium of the Student Union at 11 a.m. Dr. Roys is leaving to join the faculty of the Syracuse University as Professor of Electrical Engineering at the end of this term. There he will continue his work in electronics in their Research Institute.

Drawing upon his 22 years of teaching experience, Dr. Roys will relate some of the anecdotes which occurred during his career and the changes in engineering education which have taken place. Dr. L. T. Rader will be present and in his talk will complete Professor Roys' biography.

ACS to Sponsor Lecture by Prindle

Mr. George Prindle, superintendent of the Highland Park Waterworks, will lecture on "The Purification of Water" Thursday, January 16 in the auditorium at 7:30 p.m. This lecture is under the auspices of the Student Affiliate of the American Chemical Society. All students and faculty members are cordially invited to attend, said Bob Zilligen, president of the group.

Mr. Prindle has had a wide experience as a consulting engineer in his field. Designer of the \$800,000 plant which he operates, he is also a member of the Illinois Section of the American Waterworks Association and served as a member of the Board of Directors of the association for six years and as the president from 1940 to 1942. The lecture will be followed by an ACS

tea in the student lounge.

At the last regular meeting, an election of officers for the coming term was held. Those chosen for office are: President, Louis Czyzewski; vice-president, Bill Andrews; secretary, Celia Barteau; treasurer, Jerry Kantor; historian, Evelyn Beecham.

Tau Beta Pi Honorary Elects Asire as President

Tau Beta Pi, the national engineering honorary fraternity, elected Donald Asire, eighth term member to the presidency at a meeting held last Thursday night. In addition, he automatically becomes president of the Interhonorary Council, representative body of the honorary fraternities on the campus. The remaining officers will be elected at the first meeting of the spring term.

Happy moment
...have a Coke

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Coca-Cola

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COCA COLA BOTTLING CO. OF CHICAGO, INC.

WATCH THAT SKID!
THAT

IT'S THE AGE OF DIRT-TRACK DRIVERS CHAMPION JOIE CHITWOOD AT THE WHEEL!

LEADING THE FIELD WITH ONLY 2 LAPS TO GO, JOIE CHITWOOD NO. 6 TRIES TO LAP 3 CARS...

IF JOIE TAKES THOSE THREE, HE'LL HAVE LAPPED THE WHOLE FIELD

STAND ON IT, JOIE!

3 RACING SLANG FOR ACCELERATE

THOSE THREE ARE RIDING AWFUL CLOSE FOR COMFORT—WATCH IT THERE...
OW!

WHEEY! SKID—A TANGLED WHEEL—AND 3 CARS JAM UP ON THE TURN IN FRONT OF THE ONRUSHING CHITWOOD. AT 125 M.P.H. HE CAN'T TURN OUT TO CLEAR THEM!

LOOK AT HIM THROW THAT WHEEL—HE'S HEADING RIGHT INTO THEM!

NO! HE'S THROWING HIMSELF INTO A SKID

IN A SPLIT-SECOND DECISION, CHITWOOD THROUGH HIS FRONT WHEELS SHARPLY TO THE LEFT TO FORCE HIS TAIL INTO A CONTROLLED SKID—UP AND AROUND THE PILED-UP CARS!

HE SKIPPED AROUND 'EM!

AND HE'S STILL RIGHT SIDE UP! WHAT A DRIVER!

ANOTHER VICTORY FOR JOIE CHITWOOD

THAT WAS A MIRACLE NO ONE WAS HURT

I'LL NEVER FORGET THAT SLIDE, JOIE. YOU OKAY?

SWELL! AND YOU DON'T KNOW HOW GOOD THIS CAMEL TASTES

CHECK! CAMELS' SUIT ME TO A 'T'

CAMEL IS MY CIGARETTE. THEY SUIT MY TASTE AND MY THROAT TO A 'T'

Joie Chitwood

Camel

YOUR "T-ZONE" WILL TELL YOU...
T for Taste...
T for Throat...
that's your proving ground for any cigarette. See if Camels don't suit your "T-Zone" to a "T."

SIX

Senior Ring and Key Orders Now Being Taken

Orders for senior rings and keys will be taken starting today, announced John Pottenger, chairman of the ring committee. The rings have been on display in the window of the IIT bookstore. Today they will be taken to the bookstore counters where orders will be taken.

Delivery before May 1 has been promised for all rings and keys ordered before Sat., Jan. 25; Pottenger added that Seniors may place orders after that date, but that the delivery date cannot be guaranteed.

Five dollar deposits will be required for each ring, and three dollars for each key. Ring prices range from \$15.60 to \$22.80; keys cost from \$1.20 to \$10.80. Government luxury tax is included in all prices.

Book Shortage Enigma Faces Students as New Semester Approaches

The Bookstore last week announced that due to strikes and paper shortages publishers are still having trouble meeting delivery dates. Mr. Paul J. Fox, manager, said that some books were so far off that their arrival will be of no value for this next semester.

Among the books of which there exist the greatest shortage are: Grinter, Elementary Structural Analysis and Design—CE 304; Grinter, Vol. I Theory of Modern Steel structures—CE 303; Faires, Applied Thermodynamics—ME 305, 306; Boston, Metal Processing—ME 319, 321, 322, 323, 419; Jakob & Hawkins, Elements of Heat Transfer & Insulation—ME 422; Rosenthal, Hummel & Lichty, Effective Reading—Eng. 102; Smith, Salkner & Justice, Analytic Geometry—Math 102; Munn, Psychology—Psy. 201; and Moore, Industrial Relations & The Social Order.

The above listed books are urgently needed. Students having any of these books or other texts which they will not be using are requested to sell them to the Bookstore. The books will be immediately made available to IIT students in need of them.

Tech Foreign Students Assn. to Meet Saturday

The next meeting of the IIT Foreign Students Association will be at the home of their sponsor Dr. Franz K. Richter, 4605 S. Woodlawn, next Saturday evening at 8 p.m.

Branko L. Beck of Venezuela, recently elected vice president of the group announced that the association had a most satisfactory turnout at a dinner at Ricardo's shortly before the winter holidays.

KING OLIVER

(Continued from page 3) who had a music store on 38th and State street, wrote the number, 'Royal Garden Blues.' The combination of King Joe's horn and Williams' blues hit the high spots the world over.

After doubling in both bands for two years Oliver was offered a job with his own band at the Dreamland. He recruited Lil Hardin, piano; Honore Dutrey, trombone; Minor Hall, drums; Ed Garland, bass; and Johnny Dodds, clarinet. The band also landed an after-hours job at the Pekin Cafe. At this time the Pekin was a notorious gangster hangout. After finishing its run here, the band took a tour to California and became the rage of the west coast.

After a year, King Oliver's Creole Jazz Band, as it was called, returned to Chicago. The band now had Buddy St. Cyr on banjo; Babe Dodds, drums; and a kid cornet player by the name of Daniel Louis Armstrong.

AIEE & IRE To Go On Field Trip to N.U.

The AIEE and IRE will take a joint field trip to Northwestern University this afternoon and evening. The afternoon's activity will consist of a tour through the laboratories of the Technological Institute.

In the evening, a joint session with the Northwestern AIEE branch will feature a showing of the "House Of Magic", a demonstration sponsored by General Electric. This show uses scientific principles rather than slight of hand to produce its magic.

Warren Sommers, president of AIEE, invites all members of the student branches of the AIEE and IRE to attend. A chartered bus will leave the Student Union at 4:15 p.m.

Prof. J. J. Schommer will speak to Seniors regarding new openings of positions at 11 a.m. next Friday in 118 Alumni Hall. Senior Directory and senior questionnaires will be distributed

SMOKING PLEASURE

TRIPLE

ALWAYS Milder

BETTER TASTING

COOLER SMOKING

WITH THE TOP STARS OF HOLLYWOOD, CHESTERFIELD IS BY FAR THE FAVORITE CIGARETTE

Adele Jergens
 FEATURED IN COLUMBIA'S NEW TECHNICOLOR PRODUCTION "DOWN TO EARTH."

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They Satisfy

ALWAYS BUY CHESTERFIELD

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