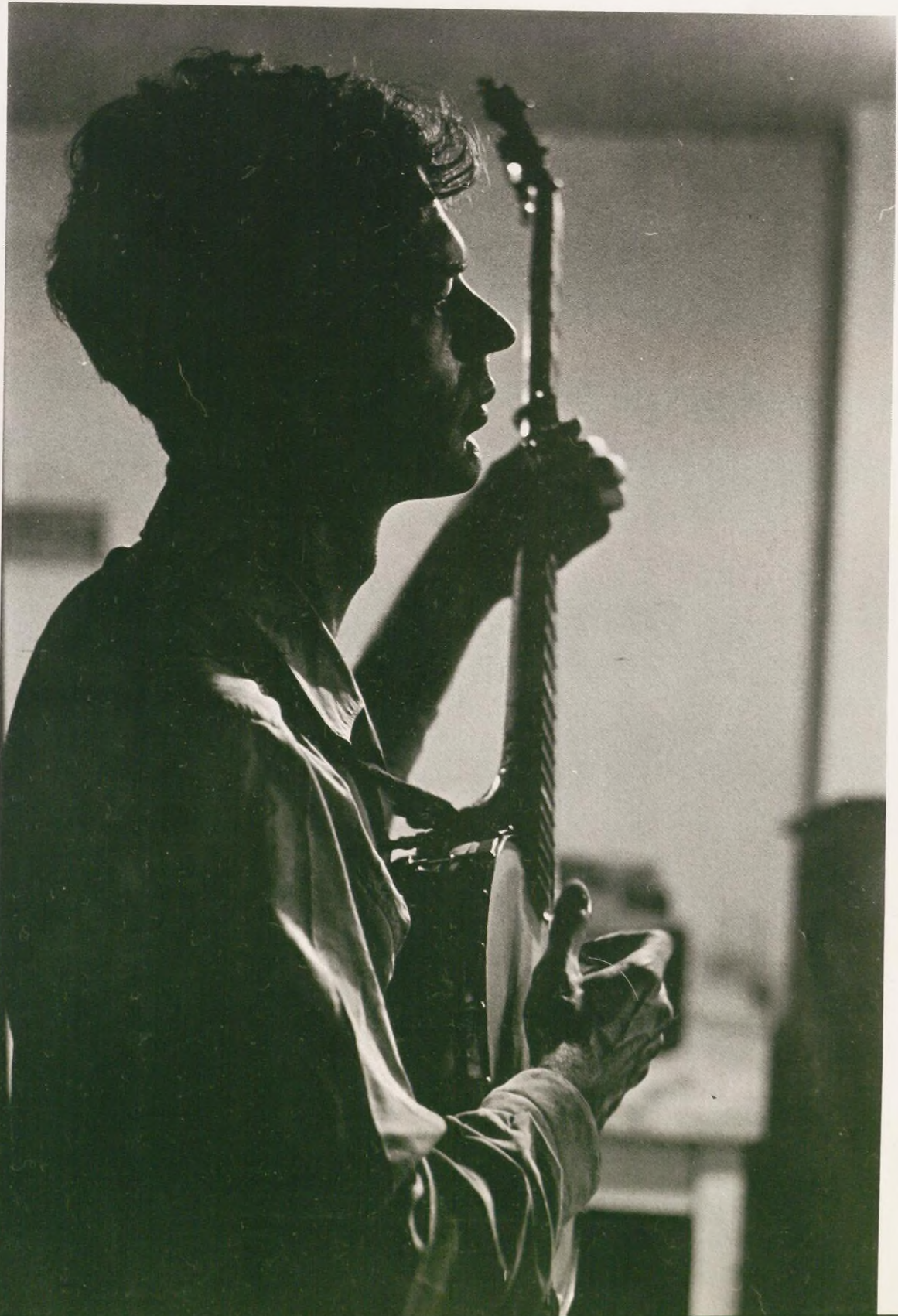


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Alumni Association • University of Houston

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THE COVER

Banjoist, Ed Badeaux, plinks a quiet tune to himself as he waits in the wings during a Hootenanny rehearsal. See page eight for the full story on this folk song jam-session.

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EXTRA



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SPORTS EXtra

Tangerine Bowl

UH 49 - Miami 21

An outstanding factor in the University of Houston's terrific Tangerine Bowl football win over Miami of Ohio was the play of the Cougar sophomores and juniors.

After the Cougars had belted Miami 49-21 at Orlando for their fifth straight win, UH Coach Bill Yeoman explained, "I am real, real happy with the way our undergraduate unit played today. After all, you know those are the boys we have to depend on next year and they did one whale of a job. Don't get me wrong. I'm not knocking our seniors because we're happy with everybody, but it's real encouraging to see those sophomores perform like this."

Sophomore halfback Joe Lopasky scored four touchdowns to lead the Cougars to their second bowl triumph in two tries.

The win gave Houston a 7-4 final season mark for its best record since 1956 and one of the best records in Cougar gridiron history. Houston also closed the season with five straight wins to tie the longest winning streak in the school's history.

Halfback Bobby Brezina, a third-team All-America pick, was the team's top ground gainer for the year with 567 yards. Quarterback Billy Roland, named the most outstanding player in the Tangerine Bowl, led in passing with 71 completions in 140 attempts for 952

yards and eight touchdowns. Senior end Bill Van Osdel led in receiving with 15 catches for 222 yards and three touchdowns. Another senior, Byron Beaver, led the nation in pass interceptions with 10.

Brezina was one of four Cougars picked to play in post-season all-star games. Brezina appeared in the All-America Bowl in Tucson, Ariz., and the Crusade Bowl in Baltimore, Md. Tackle Pete Nikirk and center Ken Chancellor were also selected by the Crusade Bowl. Defensive specialist Beaver played in the Senior Bowl in Mobile, Ala.

Cougar spring practice has tentatively been set to begin March 18 and will run through April 20.



Cougar co-captains, Bill Roland and Bob Brezina, oblige two charming Orlandoan autograph seekers, Nikki Clayton and Kit Young, who were on hand to meet the team on their arrival for the Tangerine Bowl.



Over one half-million students in the United States will be awarded bachelor's degrees in the spring of 1963, and a large percentage of these students will step directly into waiting jobs. With unemployment figures reaching new records every year, it is apparent that the high employment record of college graduates is no accident.

The higher skill level of college trained students is certainly a major factor in this record, but it is not the whole story. Playing an increasingly larger role in the employment field is the college or university placement center.

Students For S

Campus placement center valuable raw material

These centers, which are found on nearly every campus in the nation, hold a unique and very responsible position. They are the marketing division of a school's end product, its students, and form a liaison between the school and its students and industry. Because of this "middle man" position, placement center personnel have a two-way perspective which is invaluable to the people they serve.

Placement personnel are in direct contact with the business world and are aware of its needs. With this knowledge they can counsel, not only students seeking employment, but advise the curriculum directing staff of the school as well, keeping them abreast of current demands on graduates so that college programs can best prepare a student for the jobs he will face.

Similarly, because of a placement center's knowledge of available raw material, a university's graduating students, it can help greatly in filling the need for increasing numbers of highly skilled technicians and specialists in all fields, and forms a vital link in recruitment programs of both government and industry.

The University of Houston Placement Center, under the direction of Lou Russell, has long been aware of the responsibilities it must shoulder because of its location in the largest industrial center of the Southwest and it has an outstanding record in fulfilling its obligations.

The 17 man staff of the Center handles an amazing quantity of traffic. Because over 80 per cent of the student body at University of Houston work, the placement center has the task of making job opportunities available to over 10,000 students annually. In 1962 the center received more than 15,000 applications for full and part-time work and made over 12,000 referrals, 2500 of which were alumni. Nearly 68,000 phone calls were handled by the office.

In addition to individual placement, the center also handles industrial and military recruiting, and teaches placement programs.

As a service to both students and employers, the Center staff, each year, compiles a central confidential file, called "The Blue Book," on the senior students.

center market one of the nation's most
college graduates.

The file, which contains a resume of the students' academic record and work experience, is used to fit students with prospective employers, either on an individual basis or for selecting students with the proper background and interests for a particular recruiting program.

With the advent of state assistance and the resulting drop in tuition, the prediction of the administrators is that the volume of traffic through the center will double in the next five years.

In order to better perform its task the placement center has, for several years, been carrying on a "follow up" program in which it has made a continuing survey of the activities of the University's graduates. Statistics have been compiled on fields entered, geographic location of placement, salaries, and nature of employment. Employers also have been questioned on their opinions of University of Houston graduates, including how well the students have been prepared by the University for work in a particular field and how they might have been better prepared. This has been done with questionnaires and through meetings with the President's Placement Advisory Committee.

This committee, which is virtually unique in the nation because of its relation directly to the University's president, is composed of 20 top management, personnel, and public relations executives from major industries throughout the country.

The group meets annually with the president and placement center staff to discuss how industry and placement can work better together to secure jobs for students and graduates and to fill industries' needs.

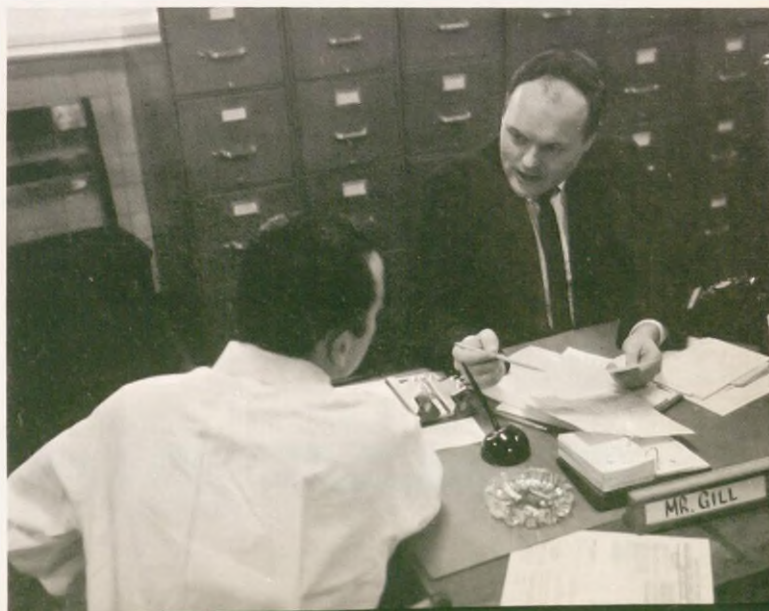
Dr. Hoffman's reaction to the early stages of this committee's work has been enthusiastic. "The opinion and judgment of persons who are employing the University's product are invaluable. The suggestions of the committee can improve the quality of the university academically. Because of knowledge gained of what industry and business needs there could be subtle or even overt changes of curriculum to mold and train our students for their part in society."

"Alumni as well as current students may take advantage of the service the center offers," says director Russell. "We maintain a continuing log of career opportunities for experienced workers. All a graduate need do is to call us for an interview appointment and we will be glad to give all the help we can."

"The best way possible for an alumnus to help the center is to let us know when job openings occur in his business or field," Miss Russell says. "This is particularly important now that the University of Houston is reaching the point when its graduates are themselves in a position to hire others."

"We ask our alumni to remember how it was when they were working their way through school or began looking for a job after their graduation," Miss Russell stated. "With the full cooperation of our graduates, acting as eyes and ears for the center in their respective fields, our services to students and alumni can be expanded immeasurably."

"I'm sure we can help you," says Wayne Gill as he interviews one of the thousands of students seeking work through the university placement center.



Houston, although a relatively new city, is already sharing in many of the common problems confronting older American cities.

Such prime problems as poverty, crime, health, spatial growth, and economics will be the topics for discussion during a University of Houston Spring lecture series on The American City—Its Problems and Potentialities.

During the months of March and April, seven experts, in fields closely related to the problems of urban living, will be on campus to present objective analyses of these and other problems that are assuming greater dimensions as Houston continues to grow.

The University of Houston lecture series is designed to show how facts replace vague notions and how rational judgments can be substituted for emotional dogma.

NEWS IN BRIEF

Georgia Robinson, Director of Loans and Scholarships, is the only woman to be elected to the Executive Board of the recently organized Southwestern Association of Student Financial Aid Administrators.

The purpose of the organization is to advance the professional status in an effort to improve the communication between institutions of higher learning and students, faculty, and parents.

Particularly needed, the Association feels, is the development and dissemination of a philosophy of student aid to guide donating organizations and agencies as well as institutions and recipients.

Another goal of the group is the stimulation and coordination of financial aid conferences and systematic studies.

The organization includes student aid officers from Texas, Oklahoma, New Mexico, Louisiana, Arkansas, Mississippi, and Arizona.

Stephen Sakach, Director of Engineering and Planning Service, was somewhat of a hero on November 30. When a prowler attempted to break into the home of Betty Ewing, society editor of the Houston Press and a neighbor of Sakach, Sakach apprehended the man and held him until the police arrived.

###

University of Houston dean of the Cullen College of Engineering, Dr. Frank M. Tiller, is the author of a paper submitted by the United States Government to the United Nations to be discussed during a Geneva conference scheduled for February 4-20.

The paper, entitled "Cooperative Programs for Strengthening Engineering Education," will be presented to 2000 delegates representing 80 countries during the 14-day conference on the Application of Science and Technology for the Benefit of the Less Developed Areas.

The paper is one of 138 submitted by the U. S. for discussion during the conference.

Dr. Tiller says that, through long-term programs, universities can contribute greatly to international understanding by providing academic personnel who can serve as consultants and as threads of continuity needed by the diplomatic service.

###

Dr. H. J. Ehlers, 2112 Brentwood Drive in Houston, a member of the University of Houston Board of Governors and Chief of Staff of Saint Lukes Episcopal Hospital, died December 10, in the hospital he headed. He was 63. Dr. Ehlers was one of the leaders in the development of the Texas Medical Center and a staff member of Hermann, Memorial Baptist, and Methodist Hospitals.

###

A south Pacific island now has a University of Houston rock doctor peering into its geological aches and pains. Dr. Max F. Carman, Jr., Associate Dean of the College of Arts and Sciences and Associate Professor of Geology, is now in New Zealand on a year long field research project under a Fulbright scholarship and a National Science Foundation grant.

The purpose of his trip is to examine a kink in New Zealand's backbone called the Alpine Fault which runs through the Southern Alps of the island. He will attempt to determine the displacement of the rock formations along the fracture and possibly learn how and when the movement occurred.

For College Golfers... an opportunity

When University of Houston golf coach Dave Williams conceived the All-America Intercollegiate Invitation golf tournament in the spring of 1955, his plan was to make it America's top collegiate golf attraction.

As usual, Williams' plan was successful. Just three years earlier he had taken over the golf coaching duties with another plan in mind. He wanted to win the national championship. His team won its first national title in 1956 and has won the N.C.A.A. title every year since, except 1961.

This year, the All-America Intercollegiate tourney, commonly known as the A.A.I.I., will be played April 10 through 13. The Pine Forest Country Club in Houston will once again be the site.

"Pine Forest is truly a championship course in every respect," says Williams. "It is heavily wooded with beautiful pine and oak trees and the fairways are very narrow. It stretches out over 6900 yards and par is 36-36-72. The greens and fairways are well trapped and the course generally is considered one of the toughest tests of golf in the world."

It is fitting, then, that some of the best golfers in the world have played in this tournament and will play in the A.A.I.I. again this spring.

Three of the favorites in this year's A.A.I.I. will be Kermit Zarley and Fred Marti of the University of Houston and Richard Sikes of the University of Arkansas.

Marti is the tourney's defending champion and an All-American. Zarley is the defending national champion and medalist.

Sikes won the 1961 and 1962 National Public Links championships.

Some of the past performers in this golf classic who are now famous professionals on the P.G.A. tour are: Jacky Cupit, Bob Pratt, Rex Baxter, Jr., Bobby Goetz, Frank Wharton, Jerry Pittman, Tommy Aaron, Bobby Nichols, Don Essig, Sam Carmichael, Don Massengale, Terry Dill, and many others.

Williams' All-America tournament has all of the flourish of any big-time pro tournament. Walkie-talkie operators out on the course keep scoreboards up to



date at all times. Each foursome has its own scorekeeper, scoreboard, and marshall. Portions of the tournament are carried on local radio and television outlets.

"All of the golfers and myself really appreciate the terrific support of our alumni and friends. It not only makes it possible for us to have a golf team, but does so very much to give the boys in college, who love to play golf, a wonderful program in which to participate. It gives the young junior golfers something to look forward to in the future while they are attending college," Williams explains.

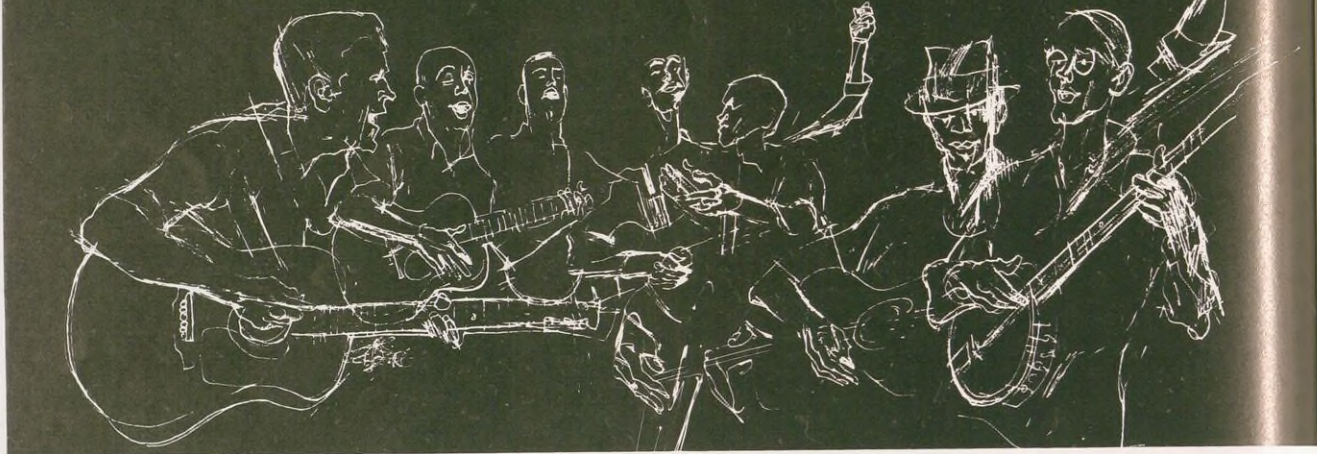
"We also think that the tournament does a lot for the University and the city of Houston. The national wire services, newspapers, radio, television, and national magazines cover the event annually. These kids, playing for six different championships at the same time, put on the most terrific show in the world and we hope that you will have a chance to attend the matches each day," Williams exclaims.

The six titles are: team medal, team match, low two-ball, low four-ball, overall, and individual.

Teams that will compete in this year's tourney, along with UH, are: Texas A&M, Texas, Baylor, Texas Tech, Rice, Arkansas, Southern Methodist, North Texas, Oklahoma State, Oklahoma, New Mexico, Middle Tennessee, Northern Illinois, Western Illinois, and Eastern New Mexico.

Williams figures his tourney this way, "We realize that some of the A.A.I.I. competitors in this tournament, like those of yesterday, will be the community leaders and great golfers of tomorrow. We're proud to have them all in a tournament, sponsored by the University of Houston."

Sing Along With



Hootenanny!

In the mid-1920's a Texas governor named Pat Neff broke a campaign pledge long enough to sign the pardon of a Negro singer who had sung a particularly haunting song for him during a tour of the prison farm. The song was included in a book published in 1934 by John A. Lomax, the folklorist, who devoted the entire book to this ex-prisoner's songs and story. In 1959 the singer, Hudie Ledbetter, better known by his prison name Leadbelly, died. In 1950 his song "Goodnight Irene" swept the country and lived up to Lomax' 1934 prediction that one day this song would be one of America's best loved folksongs.

But the popularity of "Goodnight Irene" did a great deal more than fulfill a prediction by an eminent folklorist. It ushered in a new period in the American popular music scene which has seen a folk song, or a song written in a folk style, at the top of the popularity ranks every year since that time. And it has seen folk-singing in concerts and nightclubs and on records become a big business.

TIME Magazine, in a recent article on America's blossoming folk scene, reported that "removed from its natural backgrounds, folk singing has become both an esoteric cult and a light industry." Although the song publishing industry and the commercial singing groups are on the one hand pushing the folk music trend towards a commercial bent, more and more non-professionals from every walk of life are taking up guitar or banjo and practicing the ancient art of singing a song not for monetary reward but for sheer love. These

Bigger and better than ever, this popular folkfest will again have Houston folk music fans asking for more.

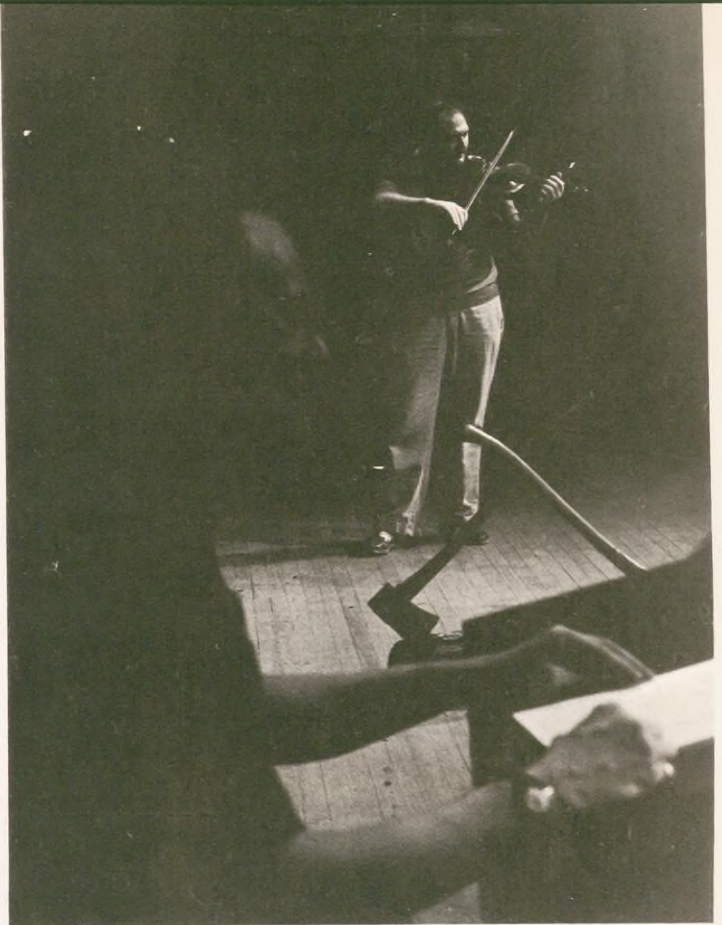
Folk-songsters, Ed Badeaux, Jim McC



people congregate in folksong clubs, coffee houses, and living rooms for small hootenannies, which are to folk singing what jam sessions are to jazz.

In Houston, which has its fair share of folk song clubs, there developed an entirely new approach to a folk music presentation. It was called **Hootenanny!** because it was primarily made up of folk music. It is neither concert, nor musical comedy, nor lecture, but blends elements of all three. The first program, presented at the Alley Theatre in July, 1960, crammed more than 300 people into the small theatre and turned away another 200. A second production in May, 1961, filled the Alley for three consecutive Monday nights and drew rave notices from both of the major newspaper critics. In 1962 the cast was enlarged and the program revamped to fit the large proscenium stage of Cullen Auditorium. More than a thousand Houstonians came out to listen and sing-along with the Hootenanny cast.

The 1963 production, again presented by the Alumni Association, will feature Ben Ramey as narrator-host, and singers Mance Lipscomb, John Lomax, Ed Badeaux, Pete Rose, Jim McConnell, Howard Porper, and Jimmie Lee Grubbs. The cast has taken for its theme the relation folk songs have had with actual living-work songs, sea songs, love and courting songs, dance songs, and religious songs. The span of time covered by the songs will be wide, ranging from old English ballads dating far back in Anglo-Scots history to modern songs made up about recent events. The use of a



Ben Ramey, the congenial narrator for the show, listens while Howie Porper plays tricks on an old fashioned country fiddle.

song in chopping a log will be demonstrated on the stage, as the performer chops and sings "Take This Hammer." Southern mountain songs will be accompanied on authentic folk instruments, including 5-string banjo, guitar, autoharp, mandolin and fiddle.

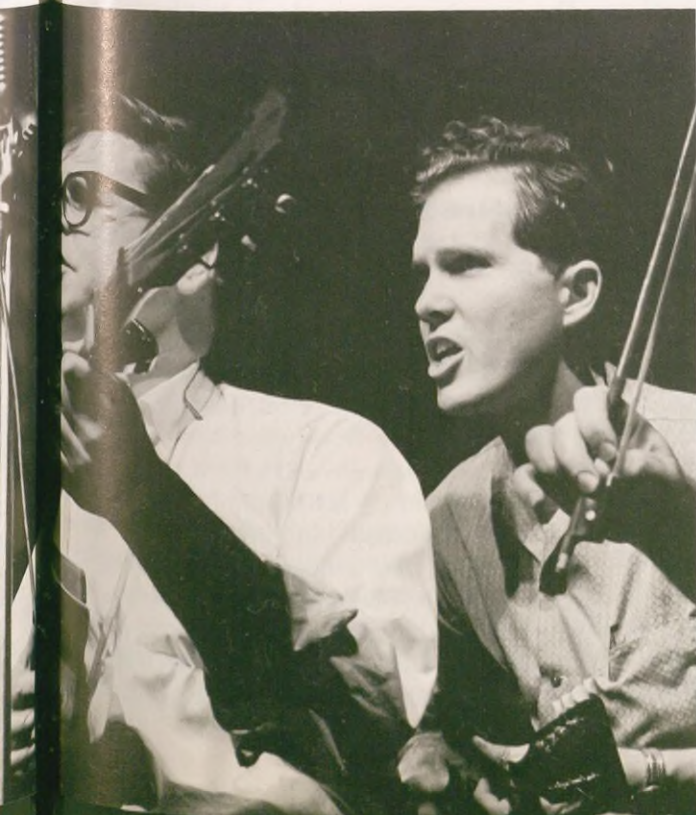
The Houston Post described Ben Ramey as "a relaxed, comfortable storyteller with the authority of a friendly professor and the warmth of a good friend." Ben sets the stage for the songs with his crackling good humor and his uncanny ability to aid the audience in visualizing the people from whom the songs flowed and the times in which they were created.

The 1963 presentation is named "Houston Hootenanny" and will appear in two out-of-town performances in addition to its Houston showing in Cullen Auditorium Saturday, March 2, at 8:30 p.m. February 9 will find the show playing in Del Mar College, Corpus Christi, Texas under the sponsorship of the music department of the college. And on February 22 the cast journeys to Austin, Texas for a performance on the campus of the University of Texas, under the sponsorship of the Campus Folksong Club.

Tickets for this year's Hootenanny are available from the office of the Alumni Association. Reservations will be accepted by telephone at FA 3-2921.

Houston Hootenanny is an Ed Badeaux production, directed by Mack McCormick.

McCormick Pete Rose swing into a lively number.



Above And Beyond

To continue improving its excellence

the university will need EXtra help.

EDITOR'S NOTE: The following article is the essence of a message recently delivered by University of Houston president, Philip G. Hoffman, to a group of Houston business and industrial leaders. Although the relative youth of the university, and therefore of its graduates, will permit only a few alumni to take any direct action on his words, it well behooves the rest of us to consider carefully the points outlined in the talk and to keep them in mind when, in the future, more and more of us are in a position to assist the university actively and assume a responsible role in its growth and development.

It is not possible for more to have happened to an institution than the changes occurring since I joined the administration at the University of Houston in 1957. Some of the developments since my own term as president began will especially tend to shape the future of the University and how it relates to this area, the state and the nation.

The University of Houston will inexorably head down one of two roads. It will either move toward mediocrity, or toward a high level of performance with the potential of greatness. I say this because, if we are able to convince you of a few facts, the University of Houston can move forward with the thrust that this or any similar area must have. If we fail, and I cannot believe this will be the case, the nation's sixth city is almost certain to be left without an essential institution found in every other U.S. metropolis exceeding Houston in size. I am speaking of a large, public university of broad scope and necessary quality, available to the general public and to industry.

Many of you have expressed interest in the University's situation when it joins the state system September 1, 1963. Briefly, it is this: we will be subsisting on clearly marginal budgets. Funds will be reasonably

adequate in a few areas, marginal in many and well below minimal requirements in still others. The State of Texas does what it can for its institutions of higher education, but the demands are heavy and the total must be spread thin. In the spreading, there is a tendency for a university in a highly competitive area such as Houston to find itself with marked budgetary problems. After more than a year of careful self-study, multiple conferences with state agencies and commissions and committees, and constantly growing respect for how carefully our tax dollars are administered, we hope that the Legislature will appropriate enough to provide for a reasonably adequate operation. Even here, we could be over-optimistic.

But there is no hope for state appropriation at a level permitting essential services of marked importance to this area. Or for the growing excellence that Houston must have in its public university if our community is to hope for anything approaching its true potential.

A question that has been put to me is this: Why should a business, or an individual philanthropist, contribute to the tax-assisted university when he is already contributing, via the tax route? Why voluntary contributions as well?

First of all, as leading corporations over the country have found, it is simply good business to invest in the tax-assisted institution. It is in effect adding cream to skim milk, and benefitting from what is a "leverage" effect. Let me get very down-to-earth for a moment for I know that many of you do not think of contributions in such a pragmatic manner. Suppose that we have enough state funds to staff a department of electrical engineering—or English, philosophy or chemistry—but not enough to recruit the one or two top-notch professors to raise the caliber of that entire department. A few extra thousand dollars here can mean a marked

difference, possibly of direct benefit to your company and your stockholders. The same argument is, of course, applicable to equipment, supplies, libraries, administrative salaries and other areas of university expense. And there are statutory limitations on faculty travel, on research, on fringe benefits, on any number of budgetary areas where a small percentage in extra funds can mean an enormous difference in recruiting and maintaining faculty and staff, in the level of teaching and research, and in total effectiveness as a university.

The arrival of the Manned Spacecraft Center in our midst brings up another reason for contributions to the public university. NASA is obviously going to mean marked growth to most of our existing enterprises. It will mean many new businesses as well, and I would like to say that we have a program, well advanced, of meeting with these new neighbors on the needs and services of the University of Houston. NASA also means increased demands for engineering and scientific graduates, and for skilled consultants. These needs can best be met, as has been dramatically shown in Boston, Los Angeles and Berkeley, and now in Florida and other states, by making it possible for universities to attract the superior students and professors who become graduates and consultants.

Enrollment at the University of Houston will soon exceed 15,000, with a growing number of students in science. Our faculties now exceed 600. Isn't it again good business to invest in better training for our students by men of top caliber who will enrich the entire industrial complex with their teaching and consulting skills?

The ingredients of business and industry, or for the overall advancement of a metropolplex such as our own, have traditionally been men, money and machines. Today, brainpower is increasingly another, and a major, ingredient. Yet statistics show a steady outflow, especially at the graduate level, as our best young Texas minds turn to out-of-state institutions for training. Once lost, such talent seldom returns.

It is evident that the challenge must be met if we are to keep our promising young men and women here. The proper economic development of this city and region depends upon a strengthened University of Houston, able to attract and retain top-level students.

Giving to the state-assisted colleges and universities is the fastest-growing trend in corporate philanthropy today. Reports of the Council for Financial Aid to Education show that U.S. industry has become quickly aware of the soundness of some of these matters we have been discussing. Programs similar to what we are planning are expanding soundly in California, in Georgia, in New York, elsewhere in Texas, and across the land.

There is an axiom of salesmanship which states that you present only the positive factors, neglecting the

negative. But I think we might face squarely for a moment what a program of contributions to state-assisted institutions could mean to private colleges and universities, and how this should be weighed. Where these programs are flourishing, the problem has already been studied in detail. Here are some of the answers.

All universities and colleges, both private and public, operate in the public interest. Both enjoy tax exemptions. Both are intended to, and do, supplement one another. Most private institutions, just as their counterparts in the public domain, receive significant income and assistance from government grants, loans and other programs.

Grants to the state-assisted universities are, of course, not intended in any way to block contributions to the private sector. The private institutions will always be with us, especially since they generally have relatively higher endowments which in a sense correspond to basic tax support. In our own city, we cooperate closely with the private institutions, which include a particularly distinguished one, and others of marked potential, wish them well and consider that the community must have us all working in partnership. But with the growing concentration of students at the University of Houston, including incidentally thousands of your employees, their sons and daughters, your stockholders and customers, we believe that there is very much merit, plus good business and the public interest, in contributions to our institution after it joins the state system.

In summary, state appropriations, which we look upon as state "assistance," not as state "support," will not allow the level of operations at the University of Houston which business and industry and the people of this great city and area require. No U.S. metropolis of our size has evolved without a public university of quality. Only through supplementary contributions, from business as well as from the individual philanthropist, can we fulfill our real mission, play a critical role in bringing this complex to its true potential, and escape mediocrity while building toward eventual greatness. Such investments in higher education are being increasingly made across the nation, especially where the close relation between an adequate public university of large enrollment and the growth of a great city is understood. They are clearly good business and in the public interest, including that of stockholders. We must have supplementary contributions, or we cannot do the job you need and expect from the University of Houston.

Please remember that you will be deciding very definitely the road for your university . . . either mediocrity, or a high level of performance and eventual greatness. We believe most firmly that the further development of the city of Houston will be directly influenced by the progress of the University of Houston just as other metropolitan concentrations have prospered or faltered with the quality of their large public institutions.

From Flintlocks to Howitzers

A UH grad
has turned shootin' lead
into gold.

Would anyone like an anti-tank gun for Christmas? Don't write Santa Claus, write to Jim Hughes, a UH grad with a lot on the ball . . . provided it's a rifle ball.

Jim, who graduated in 1961 with a degree in political science, is the co-proprietor of the Deep River Armory and a veteran trader in firearms ranging from blunderbusses to bazookas.

He has been interested in guns since he has been old enough to hold one. "I guess my first collector's piece was a '66 Winchester I got when I was twelve," he recalls. "I've been at it ever since."

After 15 years of collecting he now has 125 pieces in his personal collection and over 1500 guns valued at \$60,000 in stock at the armory.

Jim finds no difficulty in reconciling a degree in political science with a business in firearms. "Actually my major was in history, and weapons are tied in with nearly any historical event," he says.

His historical knowledge served him in good stead for he wrote and had published a pamphlet listing over 100 confederate gun makers and armories, the receipts of which paid for the tuition of his senior year at UH. He is currently working on another book concerning the history of the development of early cartridge weapons.

In a much frequented corner of his office at the armory Hughes has a comprehensive library of popular and technical publications in English and foreign languages. Hughes reads Spanish "fairly well, and can handle Portuguese enough to get by on as long as it's technical."

Two years ago Hughes and a gun collecting friend set up shop in an old house at 5100 Woodway where the rustic atmosphere of plank walls and blazing fire-



Jim Hughes shows off two of his prize pieces at the armory, a Gardner rapid fire gun and a filippino gas pipe cannon.

place recreate the feeling of the flintlock and percussion era, and of the confederate Deep River Armory where Hughes got the name for his business.

The racks of weapons, which line the walls literally from floor to ceiling, are only a fraction of the 4-5000 pieces which have passed through the armory since it opened.

The Armory's stock includes blunderbusses, flintlock and percussion rifles and pistols, derringers, frontier revolvers, and modern arms, both sporting and military, from all over the world.

One of the more interesting pieces which may be seen at the armory is a .43 calibre Gardner Gun, serial #9, made in England about 1874. This single barreled, hand cranked, rapid-fire weapon, which is a close cousin to the popularly known Gatling Gun, was used by the Irish rebels in the Easter rebellion. Its firing rate of 350-400 rounds per minute approaches that of today's modern sub-machine guns.

Another rarity in Hughes' collection is a Russian Berdan II pressure test gun. It was used to test cartridges and measured the gas pressure by the depth to which dents were made in a brass plate in the barrel. This gun is one of three which were made in 1873, and, says Hughes, may be the only one still in existence.

Like any other collector, Hughes has accumulated some of the curious oddities that abound in the world of firearms. One of these is a Philippino "gas pipe" cannon which was the type used by Philippine rebels shortly after the Spanish-American War. Its barrel stave construction with a gas pipe liner is very similar to the cannons which were made at the dawn of the gunpowder age.

Harry L. Thompson has gone to work for the U.S. Department of the Interior, Bureau of Reclamation, as a mechanical engineer.

Calvin Willis, a US psychology major, has been named field consultant for the Planned Parenthood Federation of America World Population Emergency Campaign.

John C. Preston has been named vice president in charge of sales for Gulf Coast Engineering & Development Corporation and the Texowell Service and Machine Company.

Army 2nd Lt. Paul T. Cravey, 62, has completed the eight-week officer orientation course at Fort Knox, Kentucky.

Joel E. Lane, '59, a Specialist five in the Army Reserve, has been assigned as chief administration clerk with the 329th U.S. Army Hospital. In civilian life Lane works for the Houston Natural Gas Corporation.

Leon Cox, Jr., '59, has joined the maintenance department at the W. G. Krummich Plant of the Monsanto Organic Chemicals Division, Monsanto, Illinois.

Douglas Osborn, BS '56, has been appointed coach of the varsity baseball squad of Rice University. He was previously coach at St. John's in Houston.

Anthony W. Harris, BA '58, has been named Assistant for Public Relations for Allied Research Associates, Inc. in Concord, Mass.

Terry C. Wood has gone to work for the U.S. Department of the Interior, Bureau of Reclamation, as a civil engineer.

Kieta Shaeffer has been appointed to the position of District Sales Manager of the New York, Ohio, and Michigan territories of Pass and Seymour, Inc.

A more recent curiosity is a collection of pistols hand-made in India from railroad rails. The weapons show excellent craftsmanship and one model is a near perfect replica of a British Webley revolver complete with counterfeit proof marks. The ammunition used in these guns employed the tips of kitchen matches for primers and nitrate movie film for the propellant.

The armory also stocks a melange of swords, billie clubs, flags, uniforms, and other miscellaneous military equipment.

Yes, business is really booming (excuse the pun) for the armory. Hughes and his partner have recently acquired two warehouses outside the city to store ammunition. During the recent Cuban crisis the armory did a rush business in ammo, selling over 10,000 rounds in 5 days.

In doing so a UH alumnus has succeeded in accomplishing what alchemists have unsuccessfully tried for centuries. He has turned lead into gold.

P.S.—That bit about the anti-tank guns was no joke. Hughes actually sold three 20mm. anti-tank guns to be given as Christmas gifts during the last holiday season.

BILLBOARD

Major Raymond L. Hairston, ML '51, is attending the associate course at the Command and General Staff College, Fort Leavenworth, Kansas. Hairston is regularly assigned to the 75th Maneuver Command, an Army Reserve unit in the Houston area.

Daniel L. Helweg, BS '51, has joined the analytical laboratory at the Texas City plant of Monsanto Chemical Company's Hydrocarbons Division.

J. Clifton Farris, BBA '52, has been named Director of the Systems and Procedures Division for the Port Arthur refinery of the Gulf Oil Corporation.

Don Reynolds has joined Baroid Division National Lead Company as manager of the company's advertising department. Reynolds was previously an account executive with Goodwin, Dannenbaum, Littman, and Wingfield.

Stanley Ray Fleetwood, BSEE '62, is now working for the Boeing Company in Seattle, Washington, where he is teaching the weapons system of the Minuteman Missile to Boeing technicians.

Lt. Ollan Cassell received a silver medallion award at the U.S. Modern Pentathlon Training Center, Fort Sam Houston, Texas, for helping set a record in the 1600 meter relays at Hertogenbosch, Holland. While at UH in '57, Cassell set a national 200 meter dash record of 21 seconds flat.



Late news from THE CAMPUS

APO member, Larry Edwards, and his brother work on constructing the new concrete and glass, permanent quarters for Shasta, UH's live cougar mascot. The cage will measure 10x20 feet and will be fully equipped with air conditioning, plumbing, and electrical facilities. The cage is being financed by the student government and built under the supervision of APO.

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The Texas Commission on Higher Education has recommended state assistance for doctoral degree programs in biology and biophysics at UH. These proposals had been rejected at an earlier meeting in January. The passage of the recommendation by the state legislature will open the door for support of the entire graduate program at UH.

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Texas motor vehicle license plates in the UH series will be sold on campus again this year from March 1-April 1. Plates will be sold to those having a 1962 vehicle license receipt or a title transfer receipt that has been completed within the last 30 days. Anyone giving a current address out of Harris County is not eligible. Checks will not be acceptable.

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Francisco Castro and Ronnie Martin share lead roles in the latest drama department offering, "La Fiesta Brava," an original play by drama department head, David Larson. In the play, a young Spaniard struggles against conflicting desires; to follow in the footsteps of his brother in the bull ring, to meet the wishes of his mother and become a priest, or follow his own bent and become an artist.

"Campus Songs of the Southwest" is a record album produced especially for those of you who will let your memory take you back to the campus in the Fall and all the excitement it brings. Here is an album of alma maters and fight songs of ten schools in the great Southwest—all recorded for you in one outstanding album.

This entire album was produced by University of Houston talent. Right on the campus, in Cullen Auditorium, J. L. Patterson set up his recording equipment so that Band Director Jim Matthews could bring his fine Concert Band right into your living room. From the tape produced here the record was pressed, the jacket designed by Cougar talent and the album was ready.

If you want to be reminded of *that particular game*, whether it was the University of Houston, T.C.U., Baylor, Arlington, Lamar State, S.M.U., Rice, Texas Tech, Sam Houston, or Arkansas, "Campus Songs of the Southwest" can do it—and for only \$3.95. Include the order blank for the album with your request for tickets to all the Homecoming events.

With You In Mind

Please send _____ records, LP 33 $\frac{1}{2}$ (monaural), of "Campus Songs of the Southwest" at \$3.95 each to:

_____ name

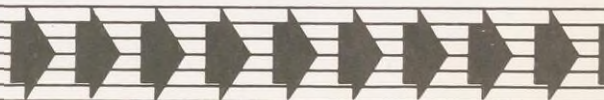
_____ street

_____ city, zone, state

Make checks payable to *Alumni Association, University of Houston.*

Mail check and order blank to: Alumni Association
University of Houston
3801 Cullen
Houston 4, Texas

An Invitation...



COUGARS ONLY

PLenty OF FREE PARKING

ood Food

GAME NIGHTS

ENTERTAINMENT

me
Liquors

Dancing

PRIVATE MEETING ROOMS

GRACIOUS DECOR

EX-CLUSIVITY (Cougars only)

Swimming

OUTDOOR PARTY AREA

and reasonable prices

FUN

Sponsor:

Sponsorship not essential. However, sponsors get Contest Points for each new Member accepted by the Club.

APPLICATION FOR MEMBERSHIP TO UNIVERSITY CLUB, INC.

This application is made with the specific understanding and agreement that as a member of the above non-profit corporation, the undersigned will acquire no rights whatsoever in the property or assets of the corporation, present or future, nor shall I incur any liability for the obligations of the corporation by virtue of such membership. I further acknowledge and agree that the privileges of membership, if extended to me, shall be exercised, enjoyed and terminated in accordance with and subject to the provisions of the corporate charter, the by-laws and rules and regulations of the Club as heretofore and henceforth amended; that membership in the Club shall not be transferable, and that while I can resign at any time by giving written notice to the Club, so long as I shall remain a member of the Club, I shall pay all dues and/or charges, if any, made by the Club in accordance with the by-laws, rules and regulations.

Date _____ Applicant _____

THE STATE OF TEXAS |
COUNTY OF HARRIS | KNOW ALL MEN BY THESE PRESENTS:

That I, the undersigned, as a member of University Club, Inc., do hereby appoint said Club as my true and lawful agent and attorney-in-fact to purchase on my behalf, with the sum of \$3.00 handed said agent herewith, beverages and/or pay for club improvements for my use at such club; it is understood and agreed that the Club, as agent for other members will be an undivided interest in the beverage pool and/or improvement fund so maintained; that the use of such beverage or improvement fund by members will be governed by the by-laws and rules and regulations of the Club, and that in order to replace the initial supply, said agent is further authorized to purchase additional beverage for my use as aforesaid and to bill me monthly in the sum as above mentioned the undersigned further agrees to pay to the Club all amounts due by him as reflected in statements sent to him, said statement denoting charges signed for by the undersigned while at the Club.

That I, the undersigned, agree to pay all due amounts within ten days of receipt of statement from the Club and that failure to so pay shall without further notice terminate membership in the Club.

Member _____

Alumni Association
 University of Houston
 3801 Cullen Blvd.
 Houston, Texas

NON-PROFIT
 ORGANIZATION
 U. S. POSTAGE
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RETURN REQUESTED

FEB 26 1963

MRS. RUTH SLATER WIKOFF
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 HOUSTON, TEXAS

MA1915

APPLICATION FOR MEMBERSHIP

The **U H**
UNIVERSITY CLUB
 11215 South Main

Date _____	No. _____
Cash() Ck() Atchd \$ _____	
Credit Privilege Desired? YES () * NO ()	

Print Full Name _____ Phone _____

Home Address _____

Nature of Business _____ Phone _____

U. H. Graduate? _____ Year _____ Degree & Major _____

* Credit checked through the Credit Bureau of Greater Houston

