

Next
Deadline
Feb. 1

THE SYNAPSE

U.C. MEDICAL CENTER

Vol. 3



SAN FRANCISCO, JAN. 16, 1959

NO. 7

Next
Issue
Feb. 10

U. C. Team Confirms Earlier Findings on Cell Behavior

Important new evidence on how the nuclei of cells "communicate" with the material that surrounds them was reported to the American Association for the Advancement of Science by researchers from the University of California Medical Center, San Francisco.

For the first time, they have shown that ribonucleic acid (RNA) moves from the nuclei of human cells into the surrounding cytoplasm. RNA plays a key role in the manufacture of new protein by the cytoplasm, and is thought to be at least one means by which genetic material in the nucleus governs the cytoplasm's behavior and characteristics. The new findings strengthen this hypothesis.

The work was reported by Dr. Lester Goldstein, assistant research physiologist, and Miss Julie Micou, laboratory technician. Their studies were done in the Cancer Research Institute at the U.C. Medical Center, using cultures of cells from the amnion, the protective sac that surrounds the fetus before birth.

Dr. Goldstein and other investigators had shown previously that RNA is transferred from nucleus to cytoplasm in amoebae and other primitive organisms. This report, however, directly confirms for the first time that this process takes place in human and other mammalian cells.

The studies were supported by the American Cancer Society and University cancer research funds.

The U.C. researchers used a combination of precision techniques, only recently available, that permit exact localization of radioactive RNA on photographic film. Their measurements showed a distinct, progressive transfer of RNA from nucleus to cytoplasm over a 24-hour period.

Cells were prepared for study by bathing them in a medium containing cytidine—a substance that enters into nucleic acid formation—that had been labelled with tritium (radioactive hydrogen). The radioactive cytidine rapidly concentrated in the cell nuclei. The cells were then allowed to live for varying periods up to 24 hours before being fixed and "autoradiographed"—placed

under radiation-sensitive photographic film.

The longer a cell was allowed to function after being labelled, the more radioactivity concentrated in the cytoplasm and the less remained in the nucleus.

The use of a tritium label allowed this transfer of radioactivity to be recorded with extreme exactness. Since tritium is a form of hydrogen and all organic materials contain large amounts of hydrogen, it can be used to make biochemical substances extremely radioactive. But its radioactive particles travel only 1/10,000 of an inch, so only those radiations that travel straight up will register on an overlying film.

Dr. Goldstein and Miss Micou incorporated a series of checks into the experimental procedure to assure that the movement of radioactivity into the cytoplasm really represented a transfer of RNA.

To rule out the possibility that the cytoplasm was simply picking up unchanged cytidine, rather than RNA, they let some of the cells grow in a medium containing extra, non-radioactive cytidine that could compete for a place in the cytoplasm. This did not prevent the movement of radioactivity out of the nucleus, indicating that the cytoplasm was actually receiving nucleic acid.

Before examining the cells for radioactivity, the investigators treated them with an enzyme that destroys DNA, the other principal nucleic acid. (DNA is normally concentrated in the chromosomes of cells and is believed to govern heredity.) This assured that any cytidine that had entered the cells' DNA would be dissipated and that the only source of recorded radioactivity would be RNA.

Dr. Goldstein read a paper on the new findings at the 125th meeting of the AAAS here.

ter snows will be presented by the Surfins at 2:30, 3:30 and 4:30 p.m. Free swimming for visitors will be open between 2:00 and 5:00 p.m., except for the 20-minute periods during the water shows.

Gymnastics demonstrations will be presented by U. C. students on the trampoline and gymnastic apparatus in the Steninger Gymnasium between 2:00 and 5:00 p.m.

Basketball will be featured in the evening when a play-off will be held between the winner of the Fraternity League and the winner of the Independent League at 7:00 p.m.

REFRESHMENTS: Coffee and assorted refreshments will be served in the Cafeteria between 2:30 and 5:00 p.m.

SPOUSE CARDS

Spouse Cards are now being issued at the Central Desk of the Union. Any married member of the Union (student, faculty, or alumni) is eligible to pick up a card for his spouse, free of charge, entitling the spouse to use Union facilities on a pay-as-you-go basis. The card will permit spouses to use the Union whether the "mate" is with them or not. The new cards are non-transferable, and do not permit the bearer to bring in guests.

Dental Alumni Meet Features Top Speakers

President Elect Dr. Tom Wu has done an excellent job in planning the Annual Meeting of the Dental Alumni Association Jan. 25 and 26. He has reached far afield to select the headliner, Dr. Nygaard Ostby, Chief of the Institute of Oslo. His subject will deal with the dental pulp: reactions, response to trauma, and apical periodontitis. The subject should be of great interest, as it has not been discussed for quite awhile.

Dr. Robert E. Moyer, Professor of Orthodontics at the University of Michigan, will discuss orthodontic problems for the general practitioner as well as for the orthodontist.

Then, California State Dental Association President, Dr. Lyall Bishop, will speak on Oral Surgery in the General practical approach. Dr. Ed Street, assisted by Dr. Al Schuchard will evaluate the various high speed technics. Dr. Stan Lorencki has a whole day of films for the Audio-Visual section.

Dr. Seymour Farber, will moderate a panel on "Emergencies in the Dental Office and the Use of Oxygen." He is well known through his work at the University of California Tuberculosis and Chest Service. Dr. Bill Ryder will moderate another panel on "The Occupational Diseases of the Dentist." Dr. Merv Cunningham has a group of table clinics arranged. Dr. Guil Soules will repeat his Color Slide Show which was so successful last year. A new innovation will be a session entitled "Now You Tell Me!" which is prepared for the recent grads. This will be a group discussion of the immediate problems that have been facing them. Dr. Tom Wu is to be congratulated for his efforts and imagination.

Atlantic Committee Names Dr. Sproul as New Member

A prominent Californian, Dr. Robert Gordon Sproul, former president of the University of California, is among the 9 new members of the National Council of the Atlantic Union Committee announced today by the Committee's president, Elmo Roper. The others are Dr. Norman Vincent Peale, Pastor of the Marble Collegiate Church of New York City, well-known author and columnist; Dr. Phillip Randall Giles, General Superintendent, Universalist Church of America; Mr. Andrew G. Haley, President, International Astronautical Federation; Bishop Rueben H. Mueller, Vice-President, National Council of Churches; Mrs. Harry A. Wansker, President, Boston Regional Conference on NATO Affairs, Inc.; Rev. John Paul Pack, President, International Convention of Christian Churches; Dr. Seth C. Eastvold, President, Pacific Lutheran College; and Mr. Ernest Henderson, President of the Sheraton Corporation of America and the World Trade Center.

Local Members

Other Council members in this area include Dr. Clark Kerr, President, University of California; Warren H. Atherton, former National Commander of the American Legion; Maj. Gen. John R. Deane, President, Italian Swiss Colony Wine; Hon. Douglas Edmonds, former California Supreme Court Justice; Conrad Hilton, President, Hilton Hotels Corp.; Dr. Clark B. Millikan, Cal. Inst. of Technology; Dr. Peter Odegard, former President of Reed College; Admiral William H. Standley, former Ambassador to Russia; Dr. Graham H. Stuart, Stanford University; and Admiral William A. Glassford.

Other members of the Committee's National Council include Harry S. Truman, Clare Boothe Luce, Adlai Stevenson, Harry A. Bullis, General George C. Marshall and Governor Theodore R. McKeldin.

Commenting on this important

addition to the Committee's National Council, Justin Blackwelder, Executive Secretary of the Committee, said, "Nearly everyone deplores the perilous disunity among the Western democratic peoples, but outside of the Atlantic Union Committee almost no one does anything about it. We are trying to enlist the support of American leaders from all parts of the country for an effort to find a way to create genuine democratic solidarity."

There are now 741 members of the Committee's National Council which is made up of leading churchmen, scientists, university presidents, heads of corporations, labor and farm leaders and leaders in many other fields.

Advance Common Aims

The Committee proposes that Congress should name delegates to meet in a convention with delegates from the United States and from such other democracies, wherever situated, as the convention may invite, to explore and to report to what extent their peoples might, within the framework of the United Nations and in accordance with the basic principles of the Constitution of the United States, achieve more effective and democratic unity in advancing their common economic, and political affairs, their joint defense and the aims of world peace and individual freedom.

The Committee was founded by the late Supreme Court Justice, Owen J. Roberts, and is now headed by Market Analyst, Elmo Roper. Former Under-Secretary of State, William L. Clayton, is Vice-President.

Education Conference Attracts Nationally Known Persons

The largest and most comprehensive conference ever to be held on exchange-of-persons will be sponsored by the Institute of International Education next January 28-31 at the Mayflower Hotel in Washington, D.C.

Top-ranking figures in government, international affairs, education, industry and the arts will take part in panel discussions centering on every area and aspect of exchange between the United States and the rest of the world.

Heading the list of distinguished participants are Vice-President Richard M. Nixon, Mrs. Eleanor Roosevelt, Senator J. William Fulbright, former Ambassador Chester Bowles, Edward R. Murrow, Metropolitan Opera star Blanche Thebom, Senator Karl E. Mundt, ANTA Board Chairman Robert Dowling, New York Times editorial writer Herbert L. Matthews, President Dean Rusk of the Rockefeller Foundation, and President George Shuster of Hunter College.

In announcing the Conference, IIE President Kenneth Holland said: "A conference on exchange has never been more important than today. In the last year, exchange has become a front-page story and is playing an increasingly vital role in our foreign policy. More and more people realize that exchange of persons has often proved itself a far more powerful means of interna-

tional communication than orthodox diplomacy."

More than 1,000 persons are expected to attend the 4-day meeting that will include 3 plenary sessions on "Exchanges with Eastern Europe and the Soviet Union."

Nixon Presents Awards

On Friday night (January 30), Mr. Nixon will participate in the Awards ceremony, which will also mark the 40th Anniversary of the founding of the Institute. The Vice-President will present five "IIE Awards for Distinguished Service in International Education" to a U.S. college or university, a private organization, a U.S. corporation, a citizen of the world, and a U.S. community.

Mr. Murrow will chair the panel on session on "Exchanges with Eastern Europe and the Soviet Union" on Thursday (January 29, 10 a.m.). Panelists will be Mrs. Roosevelt, Chancellor Edward Litchfield of the University of Pittsburgh, Miss Thebom, and Dr. Howard Rusk, Director of the NYU-Bellevue Institute of Physical Medicine and Rehabilitation.

Senator Fulbright and Dr. Shuster will be two of the panel-

ists at the first plenary session on the opening day of the conference (Wed. afternoon, Jan. 28). They will discuss "U.S. Cultural Relations with Foreign Nations." On Saturday morning (Jan. 31), Senator Mundt, Chester Bowles and Dean Rusk will contribute to a discussion on "International Exchange and the National Interest."

Smaller workshop discussions will take up exchange and developments in fifteen professional fields and eight world areas. Mr. Dowling will chair the session on performing arts, and Mr. Matthews, along with R. R. Rubottom, Asst. Secretary for Inter-American Affairs of the Department of State, will take part in the discussion on Latin America.

University and foundation representatives directly engaged in exchange programs will participate in the clinics dealing with administrative and counseling problems in the field.

One hundred and thirty organizations are cooperating with the Institute in sponsoring the Conference. They include the National American Red Cross, American Field Service Committee, American National Theater and Academy, U.S. Chamber of Commerce, Girl Scouts of the U.S.A., General Federation of Women's Clubs, National Council of Christians and Jews and World Council of Churches, among others.

Dental Alumni Open House At Millberry

The Millberry Union will act as host to approximately 800 members of the Dental Alumni Association at an Open House on Saturday, January 24, 1959. All classes since 1900 will be represented by alumni gathered together from California and several other states. The Open House is planned to coincide with the annual meeting of the Dental Alumni Association, and will offer many of the members their first opportunity to inspect the Millberry Union and enjoy its hospitality.

A system of directional signs and arrows will be placed throughout the building to enable visitors to tour the facilities at their leisure. Hostesses will be on hand during the day to offer information and assistance. Special activities are planned for the Athletic Wing, and refreshments will be served in the Cafeteria.

GENERAL HOURS: 2:00 p.m.-5:00 p.m.

INSPECTION OF FACILITIES: 2:00 p.m.-4:30 p.m. (Interested alumni may also view the facilities of the Dental School on floors 5 through 7 of the Medical Sciences Building, the new Campus Library, and the new Medical Sciences Auditorium.)

ATHLETIC PROGRAM: Wa-

THE SYNAPSE

Room 249 Millberry Union
U.C. Medical Center

San Francisco 22, California

Montrose 1-0210

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Lila Redlich, Assoc. Editor, Pharmacy Trixie McHarg, Assoc. Editor, Nursing

Posters and Cartoons, Medical Illustration, Marsh Turner and Bob Wong; Photographer, Ted Nakata; Reporters: Roger Kisner, Leo Tarantino, Roger Tennyson, Mae Takahashi, Linda Shore, Mickey Kanemaru, and Shannon Wong; Sports Editor, Hiro Miyahara.

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From the Desk of The Union Director

Since the December 18 issue of The Synapse, a number of important things have transpired in relation to the Millberry Union which I would like to call to your attention at this time:

Revised Food Service Hours: As everyone is surely aware, a radical change has been made in the operating hours of the Union Food Service Department;

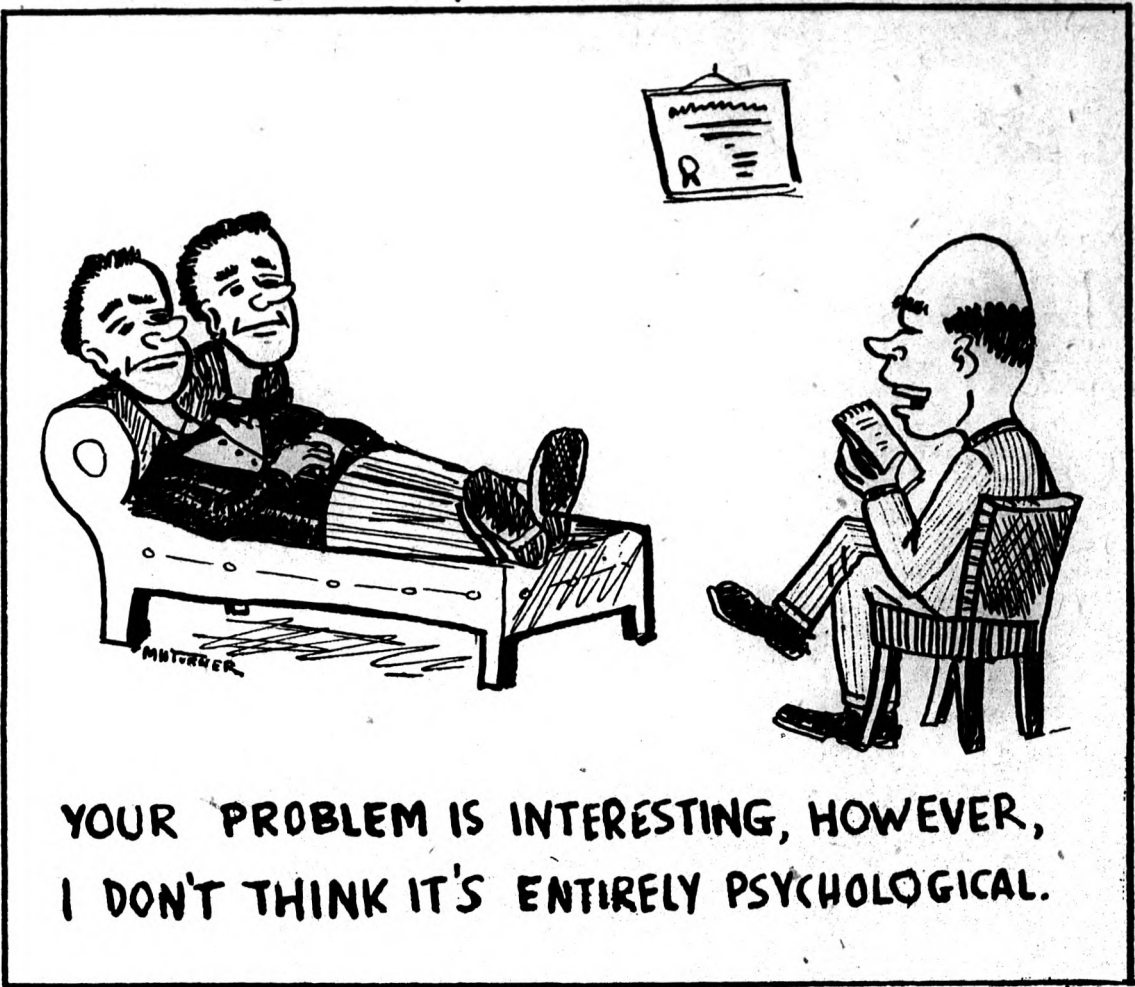
viz., except for special catered events, food is being served only between the hours of 10:00 a.m. and 7:00 p.m. On the one hand, it is unfortunate that until further notice we will not be able to offer early morning breakfast or snack service, or fountain service after the dinner hour. On the other hand, the new changes were dictated by simple economic necessity, i.e., before 10:00 in the morning and after 7:00 in the evening, our operating costs have exceeded our income to a considerable degree. It should be pointed out that we are considering a "stop and go" type of service on certain evenings after movies, etc., and we are also considering ways (vending machines, self-service coffee, etc.) to provide limited food service after 7:00 p.m. Furthermore, the new food service hours should not be regarded as unchangeable. On the contrary, as demand and indications of suitable volume are recognized, further revisions can be made. It is a mild understatement to say that food service in a student union is a complex and difficult operation. We are doing our utmost to incorporate the many excellent suggestions received from Union members, and are hopeful that such ideas will continue to be submitted. Since it is the case that the total Union program rests in large part on the financial success of the Food

Department.

Second Semester Film Program: At the present time, arrangements are being completed for the second semester film program, which will include six cinemascope features, four foreign film classics, and three American classics. The second semester "playbill" will include: Anastasia, The King and I, Mister Roberts, Carmen Jones, The Seven-Year Itch, Brigadoon, The Ox Bow Incident, My Six Convicts, A Walk in the Sun, Rasho-Mon, La Strada, Mr. Hulot's Holiday, and The Red Shoes. Films will be presented at 8:00 p.m. on Friday evenings in the Steninger Gym.

Music Room Equipment: It may be that by now people have either forgotten about sound equipment in the Music Room or fail to believe that anything is being done. Actually, it has taken a good deal of time to give careful consideration and review to the many types of equipment on the market, and I am now pleased to report the selection of an Ampex system to be delivered as soon as this generous and special gift of Miss Helen Myers can be processed.

Rose Bowl Films: By special arrangement with the U.C. Athletic Department, we will soon feature films of the California-Iowa Rose Bowl game in the Union Main Lounge. Watch for announcement of the exact date.



Notes From the Recreation Supervisor

Program: The Fall Intramural and Athletic Program turned out to be quite successful. Realizing the constant academic pressure on both students and faculty members, I must congratulate you for finding and taking time to participate so enthusiastically. I hope the enthusiasm will continue to grow. The results of both league and tournament play are now posted at the Athletic Control Desk. If results can tell us anything about the future, then I predict that the future looks "real good." Competition will rise; activities and participation will increase. I commend the team managers for their efforts in helping to hold the participation at a high level.

Come and see us: Are you ready for some real relaxation after a hard day of studying? Are there times when you would love to take a relaxing study break and get away from it all?

We have the facility for you! Located on the lower floor of our Union Building is a pleasantly warm, always inviting, and beautifully built swimming pool just waiting for you in your leisure hours. Our pool, as you will find, is comfortably temperatured at 78 degrees day and night. At your disposal you will find a wide variety of facilities including water-polo balls, kick boards, and our newly fixed diving board, as well as lifeguards offering a battery of swimming lessons for all levels of skills. Spacious locker rooms and plenty of white towels are also provided for your convenience. Come and visit us!

Spring Program: Spring Intramural and Athletic Programs will begin with the start of the Spring Semester. The programs will be enlarged to include more activities, thereby offering more of a chance for participation. We hope that we can plan an activity

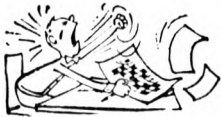
which is of interest to each member of the Union. One of the high points of the Spring will be the Ski plans—which will include two trips to the snow—at the A.S.U.C. Ski Lodge at Norden, California. Hopes are held high for an all-school banquet and dance to top off the season, as well.

Hats Off Department: With the permission of the Sports Editor, I would like to give a pat on the back to a few very deserving individuals. Of course a real pat goes to all the staff members of the Recreation Department. From time to time I shall try to single out individual staff members for special consideration. For this issue I shall let the circle fall around two employees with whom we are very pleased.

Alonzo Williams, whom most

(Continued on Page 4)

Do You Think for Yourself? (ANSWER THESE QUESTIONS) AND YOU'LL FIND OUT!*



1. If you get stuck on a crossword puzzle, do you (A) finally refer to a dictionary, or (B) leave the puzzle unfinished?

A ☐ B ☐



5. Would you prefer to play tennis with an opponent you know to be (A) not quite so good as you, or (B) a slightly better player?

A ☐ B ☐



2. Would you rather be (A) the designer of the first successful space vehicle to the moon, or (B) the first man to ride in it?

A ☐ B ☐



6. In deciding whether to see a movie, are you more influenced by (A) what a casual friend tells you about it, or (B) what you know of the cast and story?

A ☐ B ☐



3. If you were faced with two tasks, one pleasant and the other unpleasant, would you first do (A) the unpleasant task, or (B) the pleasant task?

A ☐ B ☐



7. If you were a multimillionaire, would you rather have (A) everyone know it, or (B) only a very few know it?

A ☐ B ☐



4. If you find you aren't doing well in an activity, do you (A) concentrate on it to improve your performance, or (B) devote your attention to things in which you do excel?

A ☐ B ☐



8. Do you take more notice of someone's (A) good looks, or (B) good manners?

A ☐ B ☐

9. When making your choice of a filter cigarette, do you (A) act on the basis of what someone tells you, or (B) think it through for yourself?

A ☐ B ☐

If you're the kind of person who *thinks for yourself* . . . you use judgment in your choice of cigarettes, as in everything else. Men and women who think for themselves usually smoke VICEROY. Their reason? Best in the world. They know that only VICEROY has a thinking man's filter and a smoking man's taste.

*If you checked (A) on three out of the first four questions, and (B) on four out of the last five . . . you really think for yourself!

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Familiar pack or crush-proof box.

The Man Who Thinks for Himself Knows — ONLY VICEROY HAS A THINKING MAN'S FILTER...A SMOKING MAN'S TASTE!

★

SPORTS

★

NOTES ON THE UNION
RECREATION DEPARTMENT

SKI CLUB: Ski enthusiasts gathered January 7, 1959 to form the Guy S. Millberry Union Ski Club. The purpose of this club being to organize ski trips for the coming winter months.

The A.S.U.C. Ski Lodge, at Norden, California, is the destination of the "beginner," "snow-bunny" and advanced skiers. February 13th, 14th, and 15th will be the first scheduled trip with another to follow February 27th, 28th and March 1st.

Dr. Albert Trucker was selected to oversee the plans for the second meeting on February 9th. A chairman from each of three committees will be chosen to work with Dr. Tucker, the committees being Trip Planning, Instruction Planning, and Social Planning.

"Ski Novice," "Sun Valley Chase," and "Ski Techniques for the 1950's" were movies shown at the first meeting. Movies will also be shown at future meetings, and dry land instruction will also be given.

When the club reaches the snow, they will receive instruction from Jack Cleveland, Millberry Union Swimming and Ski Instructor. Lessons will be furnished by the Union, and there will be no charge.

Ten dollars and thirty cents will be charged those wishing to go on the trips. This price includes lodging for two nights, three meals Saturday and two on Sunday. The appropriate cost of seven dollars per person will be charged for a chartered bus.

Reservations can be made at the Millberry Union Central Desk. Fees must be paid at this time. Deadline for reservations on the first trip is Wednesday, February 11th and Wednesday, February 25th for the second trip. Cancellation must be made 72 hours prior to trip dates for a money refund. Accommodations for forty people, twenty men and twenty women have been made for the first trip.

The A.S.U.C. Ski Lodge is lo-

cated approximately two miles east of Soda Springs, California, on U.S. Highway 40. The Lodge is set up on a dormitory basis with central heating, showers, a drying room, workshop, study room, and a lounge which is used in the evenings for movies and dancing. A large fireplace in the lounge adds to the setting.

Refer all questions concerning the use of the Lodge to Bud Alexander, Millberry Union Recreation Supervisor, Room 243, Extension 721.

SWIMMING INSTRUCTION (Men and Women): Swimming instruction for beginning, intermediate, advanced, and life-saving classes will be offered in the Spring Semester at no charge to Union members. Instruction is scheduled to begin the week of February 23rd. All sign-ups must be made at the Athletic Control Desk. Classes will follow the below-listed schedule:

Beginners (non-swimmers)—Mondays and Wednesdays, 6:00-7:00 p.m.

Intermediate (able to swim 80 yards)—Mondays and Wednesdays, 7:00-8:00 p.m.

Advanced (able to swim two laps length of pool)—Tuesdays and Thursdays, 6:00-7:00 p.m.

Life-Saving — Tuesdays and Thursdays, 7:00-8:00 p.m.

The fall swimming instruction program graduated two Senior Life-savers, and six beginners to the intermediate stage.

EMPTY GYM LOCKERS: All gym lockers must be cleared and equipment and locks removed by Monday, February 2nd, 1959. Failure to clean out lockers prior to the above stated time will result in a \$2.00 fine.

NEW LOCKER SYSTEM: The purpose for clearing lockers at this time is to make it possible for the Millberry Union to institute its own locker system. A locker rental system is now available to all Union members. A permanent locker and combination lock may be rented, on a semester basis, at a standard fee of \$.25 per semester.

V.F.W. WIN OVER
U.C.M.C. CAGERS

The Veterans of Foreign Wars proved also to be veterans of the basketball court when they downed the newly organized Medical Center team 67-61 Monday night in the Steninger Gymnasium.

Led by Ron Marena's 23 points, the Medical Center lost their maiden league game, after being formed only three weeks ago. The team is competing in the Class "A" Division of the San Francisco Recreation Department League.

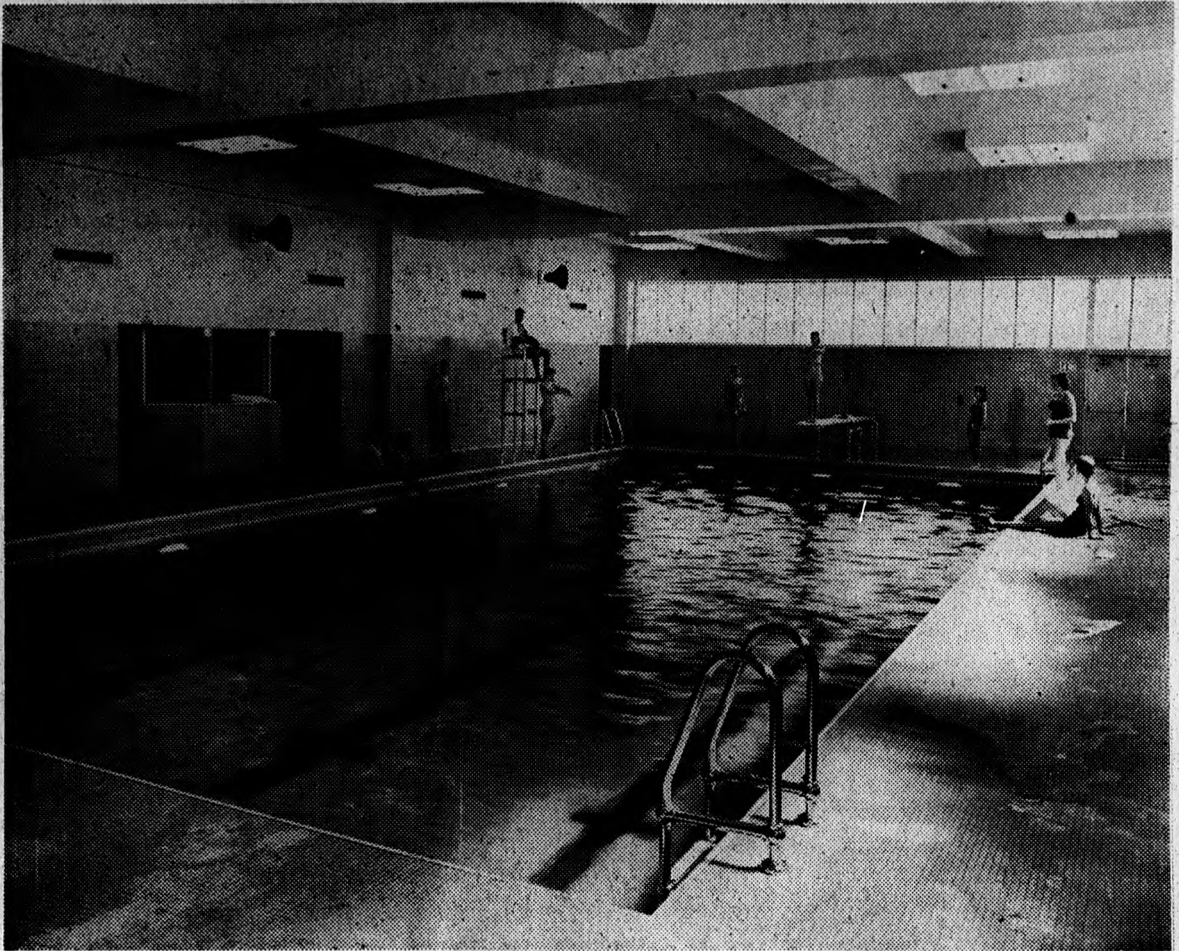
Marena was given help on the scoring end of the game by 15 points from Duke Lewis and Hap Stallman's 11 points.

With five minutes remaining in the game the Medical Center held a three-point lead only to see this dwindle to nothing as the Veterans of Foreign Wars sank three well-timed tip-ins.

Gregory and Stont were the men in the right places for these tip-ins while Geister contributed 17 points to become high scorer for the winners.

The remaining games will be played against Hunter's Point, Post Office, Players' Club, and the Fire Department. January 14th, 21st, 27th, and February 3rd are the respective dates. The Lincoln High School Gymnasium will house most of these league games, with one remaining game to be played in the Steninger Gym.

The Medical Center team is coached and managed by Bud Alexander and Jay Vierra.



Swimming classes will begin here in February. Schedule in adjoining column.

SPRING INTRAMURAL SPORTS

The intramural sports program for the Spring Semester will be as follows:

Volleyball: (2 man) Because of the interest expressed by several persons desiring competition in two-man volleyball, a session is scheduled to start the week of February 16, 1959. Team entry deadline is set for January 30th. Entry fee is 50 cents per team.

Volleyball (Men) An open volleyball league is scheduled to start the week of February 16. Team entries will be on a school, class or fraternity basis. Only eight team entries will be allowed. Entry deadline is set for January 30th. Entry fee is \$1.50 per team.

Basketball: (Men) The Spring open basketball league is scheduled to start on February 25th and will run through May 20th. Team entries will be on a school, class or fraternity basis. Participants may play on one team only. Entry deadline is set for February 18th. Entry is \$2.50 per team.

Badminton: (Men's singles) Tournament is scheduled to begin March 3rd. Entry deadline is set for February 27th. All sign-ups must be made at the athletic control desk. Entry fee is 50 cents.

Badminton: (Women's singles) Tournament is scheduled to begin March 5th. Entry deadline is set for February 27th. All sign-ups must be made at the athletic control desk. Entry fee is 50 cents.

Distance Swim: The Spring

distance swim competition will begin February 2nd. Additional teams are needed. At present three teams are organized; the "Sharks," the "Independents," and the "Seahorses." Sign-ups may be made at the athletic control desk. The distance swim is run on a gentlemen basis, whereby each person simply notifies the locker room attendant or life-guard on duty as to the number of laps swum each day. A progressive record is kept and the first team reaching the prescribed distance within the set time limit is declared the winner.

Basketball: (Women) A league

of women's basketball is scheduled to begin during the first week in March. Entry deadline is set for February 25th. Obtain entry blanks and information at the athletic control desk.

Water Polo: (Men) An attempt will be made to organize four intramural water polo teams for a short league to begin April 15th. The teams will be organized on a school and faculty basis. Entry deadline is set for April 10th. Sign-ups will be taken at the athletic control desk where a roster will be set up for each team. Teams will be allowed practice sessions prior to the start of the league.

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SPLENDORED THING"

also

ROGER WAGNER CHORALE
and "SAFETY SPIN"

With that lovable, near-sighted bumbler, Mr. Magoo

8:00 P.M. FRIDAY, JAN. 16

STENINGER GYMNASIUM

The Old Timer



"There still are a lot of wide open spaces in this country. The trouble is most of them are surrounded by teeth."

Three Faces
of Crippling



Birth Defects Arthritis Polio

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MARCH OF DIMES

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English: FAKE FROG



Thinklish: SHAMPHIBIAN

PEGGY ARROWSMITH, U. OF S. CAROLINA

English: VALISE FOR A TRUMPET



Thinklish: TOOTCASE

JOYCE BASCH, PENN. STATE

English: MAN WHO STEALS FROM THE RICH AND GIVES TO THE POOR



Thinklish translation: To smuggle loot, this fellow dons his plunderwear. For street fighting, he wears a rumblesuit. He totes his burglar tools in thuggage. The only honest thing about him is the Luckies in his pocket. (Like law-abiding folk, he enjoys the honest taste of fine tobacco!) In the old days, he'd be called a robbin' hood. Today, this churlish but altruistic chap is a (good + hoodlum) goodlum!

English: DIVORCE PROCEEDINGS



Thinklish: SPLITIGATION

RALPH DANNHEISSER, U. OF MISSOURI

English: REFORM SCHOOL CLASS



Thinklish: BRATTALION

PHYLLIS DOBBINS, U. OF WASHINGTON

Get the genuine article

Get the honest taste of a LUCKY STRIKE

Product of The American Tobacco Company—"Tobacco is our middle name"



© A. T. Co.

Pharmacology Conference

On January 25, 26 and 27, 1959, the University of California School of Medicine and Langley Porter Neuropsychiatric Institute will present a conference entitled: A PHARMACOLOGIC APPROACH TO THE STUDY OF THE MIND.

The selection of the faculty for this unusual course represents a multi-disciplinary approach to a major medical area. The participants in the program, whether general practitioners, Psychiatrists, or basic medical scientists, will be sharing in an interplay of knowledge and abilities rarely experienced in postgraduate medicine.

The course entails a much broader approach to the subject than the usual discussion of drug effects. It is hoped that participants will help in bridging the gap between pharmacology and the study of the mind, by drawing upon such broad divisions of our knowledge as biochemistry, anatomy, physiology, pharmacology, psychiatry, and psychology. In so doing, they will bring into critical focus the questions which must be answered before the so-called "mental diseases" can be approached successfully with the use of chemical compounds.

Active participation of the registrants will increase the basic and practical benefits of the course from all points of view.

The conference will be held in the auditorium of the Medical Sciences Building and registration will begin at 12:00 noon on Sunday, January 25. The registration fee is \$40 and includes dinner on Monday, January 26. Applications are available through the School of Medicine.

AIR MAIL BILLIARD TOURNAMENT

An Air Mail Billiard Tournament sponsored by the Association of College Unions is scheduled to be held between February 9th and February 25th. Obtain information and sign-ups by contracting the Union Recreation Supervisor, Room 243, Millberry Union; or by calling Ext. 721.

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Recreation Supervisor

(Continued from Page 3)

of you now know as the Locker Room Attendant, has done a very commendable job in helping to make your visits to our Athletic Wing more enjoyable. Alonzo is a very conscientious worker, is a graduate of Mission High School and has had one year at San Francisco City College. Alonzo is married and has one child.

Another person with whom most of you are acquainted is Jay Vierra, Assistant Recreation Director. Jay has handled the Fall Intramural Program in very fine style, and has been "Johnny on the Spot" at all times. Jay is a Physical Education major, presently enrolled at City College in San Francisco, and has attended San Francisco State College as well. Jay is obviously single, since he has a new Triumph Sports Car.

Special thanks goes to Bill Harris, Bill Bodle, and Dr. Al Trucker for their time and effort spent in instructions on the trampoline, and again to Bill Harris and Dr. Tucker for their performances at the Children's Christmas Party.



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