

The Synapse

U.C. MEDICAL CENTER LIBRARY

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No. 4

MEDICAL STUDENTS

FOREIGN FELLOWSHIPS

EVANSTON, ILL., September 23—The Association of American Medical Colleges this week began seeking applicants for an unusual foreign fellowship program which gives future American doctors opportunity to study medicine in remote areas of the world.

The program, begun last year as the Smith Kline & French Foreign Fellowships, enables selected medical students, who have finished either their third or fourth year of training, to benefit from unusual clinical experiences and to practice preventive medicine at outpost facilities in greatly differing societies and cultures.

Dr. Ward Darley, executive director of the A.A.M.C., said application forms and brochures detailing complete information on the SK&F Foreign Fellowships have now been mailed to deans of all U.S. medical schools.

Last year, grants totaling some \$50,000 were made to 29 students under the program. The cash awards are made from a \$180,000 fund provided by Smith Kline & French Laboratories, a Philadelphia pharmaceutical firm.

Designed to acquaint American students with health problems not generally seen in this country, and to introduce them to physicians working where facilities are limited, Smith Kline & French Foreign Fellowships have become an established factor in international medicine, Dr. Darley said. It is the only program of its kind.

The 29 Fellows, who will have gone to three continents to participate in the 1960 program, will have a greater realization of the acute need for medical knowledge and care in these more isolated areas, Dr. Darley added.

Fellowships are available to men and women who have completed their junior year of medical school; eligibility will continue through the senior year. Those who have started internships will not be eligible. It is expected that about 30 Fellows will be named in 1961.

APPLICATIONS FOR 1961 GRANTS ARE AVAILABLE THROUGH MEDICAL SCHOOL DEANS AND

(see page 2, col. 2)

U.C. MEDICAL CENTER LIBRARY

NEW PROGRAM IN HOSPITAL CARE AT U.C.

A pilot program in the new concepts of "progressive patient care" began in San Francisco with reopening of a 102-bed section of the old University of California Hospital.

The hospital (whose west end has been completely reconstructed since 1957, except for the building shell) contains two 19-bed units assigned to a minimal care program. Patients in these units will be ambulatory and will require substantially less nursing care than has been customary in general hospitals.

The reduced care requirements will result in lower hospital bills. The patients will be in one- or two-bed rooms, but the costs will be \$5 to \$8 a day less than they would for a bed in a standard four-patient ward at the Medical Center. Rates will be \$13 to \$14 less than in corresponding single or double rooms for general medical and surgical patients.

The minimal care units, Hospital Administrator Harold (see page 11, col. 1)



CONTEMPLATE... Then Vote

EDITOR'S NOTES

As you read over this issue you may notice (as also evident in the past few issues) the obvious omnipresence of two schools, which has resulted in such references to The Synapse as the "Pharmacy Rag" or "Nursing News." We are grateful to these contributors — what bothers us is the more subtle ABSENCE of Dental and Medical school articles.

It may even seem astonishing to the reader that the editors have actually tried to get some response from these schools. True, this, at best, has been a relatively poor try due mainly to the "lack of inter-school contacts" on this campus.

The Synapse neither hires reporters nor desires to do so; yet 'tis a shame that we have not even acquired a medical school editor. This important position takes very little of a person's time. It is hoped that someone in these schools will take the initiative to report an activity or scheduled event. It need only be written and placed in the Synapse Box which will be located at the central desk, Millberry Union, by November first.

In the meantime we will continue publishing the paper every-other week, trying (our time is limited too) to find someone interested from "the other half," and hoping for some encouragement from them.

This article does not intend to exclude Med. Tech., Physical Therapy, Dietetics, or any others.

Glen Cureton
Paul Rhodes, Editors

THE SYNAPSE

Room 249 Millberry Union U.C. Medical Center
San Francisco 22, California MOntrrose 1-1444

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From the Desk of the Union Director

To: The Editors, THE SYNAPSE

From: R. A. Alexander, Union Director

FILMS COMING UP

On Friday, October 28, the Union Film Committee will present "The Robe," one of filmdom's first and greatest cinemascope spectaculars. COMING ON FRIDAY, November 4, "Nights of Cabiria," starring banjo-eyed Giusette Masina, who gave an unforgettable performance in "La Strada." All films are presented at 7:30 p.m. in the Medical Sciences Auditorium. Adult admission: \$.40, children under 12 admitted free.

COLLEGIATE DEBATE

Although the exact date has not as yet been determined, the Union will feature, in the near future, an inter-collegiate forensic contest between the Varsity Debate Teams of Cal and San Francisco State. The topic will relate to medical care plans for the aged. Watch this newspaper for further details.

NOON CONCERT

On Tuesday, November 1, and through the cooperation of the Department of Pediatrics, the renowned JOSHUA STRING QUARTET will offer a concert, beginning at twelve noon in the Union Music Room.

SPECIAL HOURS

The Union's hours of operation during the Thanksgiving recesses were discussed at the October 20 meeting of the Union Governing Board, and will be announced in the next issue of this paper.

Foreign Fellowships . . . (cont'd)

MUST BE RETURNED TO THE A. A. M. C. BY DECEMBER 31, 1960.

An A.A.M.C. Selection Committee of prominent medical educators will act on the applications in early February, and Fellows will be announced in early March, Dr. Darley said.

Fellowships provide money for travel costs and living expenses during the time of the student's overseas program. The amount of the grant will vary depending on the proposed program and its location. During the first year grants ranged from about \$1,000 to \$3,000.

* * *

NEXT SYNAPSE DEADLINE NOVEMBER 1.

FOUR MORE

The School of Pharmacy Student Body and Faculty is happy to welcome four new members to the teaching staff this year.

Dr. John C. Craig comes to the School from the University of Sidney, Australia, where he has served since 1948 as Associate Professor in Organic Chemistry. Dr. Craig attended school in England, receiving his Ph.D. from the University of London in 1945. He is well known in his field, being a member of many honorary societies and having more than eighty publications to his credit.

One of the instructors is returning to the School of Pharmacy after serving several years as Senior Medicinal Chemist with Smith Kline and French Laboratories in Philadelphia. He is Dr. Manfred Wolff who received his B.S., M.S., and Ph.D. from the U.C. School of Pharmacy. Dr. Wolff is also a member of Sigma Xi and Rho Chi Honorary Societies.

Originally from Nebraska, Dr. Donald Sorby obtained his B.S. degree from the University there in 1955. He then attended the University of Washington where he received his M.S. and recently completed work for his Ph.D. Dr. Sorby is a registered Pharmacist in the State of Washington and will be teaching Pharmacy 105 A-B while Dr. Schwartz enjoys his year in Europe.

Richard Wirthlin will be associated with the Pharmacy Administration Department as the instructor in Economics. Mr. Wirthlin was born in Salt Lake City, Utah, where he received his B.S. and M.S. degrees in Economics. He is currently attending the University of California at Berkeley while completing work on his Doctorate.

The School is proud to be able to add these gentlemen to its distinguished faculty.

John D. Hanson
School of Pharmacy

ELECTIONS - SCHOOL OF NURSING

The freshman Nursing students held their class elections on Wednesday, September 28. Diane Mattock is President, with Linda Blake as Vice President. The Secretary is Sharon Moody and Treasurer is Pat Ellison.

To help us follow through the article published in the last SYNAPSE is Social Chairman, Gail Bourinski. Letting us know about things happening is Fujie Yamakawa, Publicity Chairman. To record what we have done is Sally Meyers, Historian, and our SNAC Representatives are Ann Ravera and Pam Manuel.

Good luck to all of them. We're sure that they will do a great job.

WINE, MUSIC, CHARITY

Fine wine and distinguished music in an exotic atmosphere; in short, a memorable evening is being planned for your enjoyment THURSDAY, NOVEMBER 3, 1960, at the Hall of Flowers in Golden Gate Park.

This wine-tasting and musicale, featuring the outstanding JOSHUA QUARTET, is being sponsored by Friends of the Diabetic Youth Foundation, a non-profit group with all proceeds going to support "Bearskin Meadow," a summer camp for diabetic children, executive director, Dr. Mary B. Olney. This camp, which is just being completed, provides a unique service in meeting the medical, emotional and social needs of diabetic children. It merits your support.

Tickets for the musicale will be available at the door; be our guest for the wine-tasting to start at 7:00 P.M. Tickets may be obtained from, and donations of \$2.50 may be made to the following:

- Eleanor Taylor, Department of Pediatrics,
696 Moffitt
U.C. Medical Center
- Helen Stucky, Secretary,
Diabetic Youth Foundation
1429 - 4th Avenue, San Francisco
Phone: SE 1-5113

You may also call members of the "Friends of the Diabetic Youth Foundation" —

Mrs. M. Grossman - OV 1-0475
Mrs. J. Blumenkrantz - OV 1-0825
Mrs. I. Edelman - OV 1-5005 (evenings)

We also hope to have tickets available at a booth in the Medical Science Building.

Don't miss a chance to have a wonderful evening!!!

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MEET YOUR FELLOW STUDENT

ARTICULATE DENTAL CELEBRITY

Here is Synapse's introduction of Wayne Arthur Takeman, a junior dental student here at the Medical Center, who was interviewed as he was seen coming out of the student store with his articulator in hand. When asked what the instrument was that he was carrying, Wayne answered, "Oh, it's an articulator for setting dentures. You know, it reproduces the temporal mandibular movements." Oh yes, of course.

Wayne is a familiar figure on campus in his dental smock and southern looking tan. The tan only looks better in contrast to his blue eyes and light brown crew-cut. He stands five feet, ten inches high. O.K. with the vital statistics girls.

Wayne has many exciting adventures to relate about his many summer travels to the islands, and last summer to New York, Washington, D.C. and Florida. What luck this fellow has! His job, which he maintains here in the city with Leed's Shoes, offered him a job with a store in New York. Of course, Wayne hesitated to take the job and went immediately there. However, he was bitten by a travel bug and left this job to travel about the eastern coast, ending up on the beaches of Florida with a job falling into his lap for evening restaurant work. Needless to say, his days were spent on the sunny beaches.

Well, here we find Wayne back to reality and to the dental chair. His life began in Meadows, Idaho, where he was brought up on Idaho potatoes. Then he traveled away to college at Lewis and Clark College in Portland, Oregon. After acceptances to all his applications for dental school, Wayne decided that the University of California offered the most to him, scholastically and California-wise. The tempo of the city and the night life was definitely a drawing card. Now he is enjoying the tempo of the power drill.

Besides being an accomplished pianist, Wayne is also an accomplished philatelist (stamp collector). Stamp collecting has been his hobby since he was twelve years old and he now has a large and valuable collection which affords him many relaxing hours.

Future seems bright for Wayne Takeman, as he looks forward to working on Uncle Sam's teeth in the Navy until he opens his own business (practice) in Southern California—near Laguna Beach, in a small area. But until then Wayne's secret ambition is to remain in San Francisco and live the life of the rich dental bachelor, enjoying buxom, raven-haired beauties.



As I see it, one of the biggest things wrong with the dental profession is that a lot of the people in it don't look upon themselves as being in medicine or medical science. I understand that the dental students take all sorts of scientific courses—anatomy, pathology, microbiology and the like—but that some look upon them as required courses "stuck-in-the-curriculum-to-plague-me-which-have-no-bearing-on-fixing-teeth!"

Now what the dentist actually does is a mystery to me. I go there and he taps and probes about my mouth while I clutch the chair hoping all is well. Usually it's not, so he drills and scrapes and fills my mouth with a variety of instruments and materials and then sends me on my way for six months of happy chewing. I'm not sure what actually goes on, but I know that my tooth-ache was stopped, the sore on my cheek was gone, and my mouth was clean. This is as important to me as when a sore throat is made well or my appendix removed.

Yet, some dental students I've seen talk constantly, and to me unintelligibly, about margins, plaster, polishing, plates, wax-up, and foils, with no mention of patients, people, or these science courses I've heard about. A group of them carry mysterious boxes wherever they go, while others appear dressed in gray and covered with different colored waxes and powders.

Maybe I'm overly sensitive, but it seems to me that healers, as I guess dentists are supposed to be, shouldn't talk about "fixing teeth," or "working on so-and-so." It seems to me that patients and their teeth and mouths are "treated" and not worked on or fixed (like the plumbing or the car).

The "tooth carpenter" or "mouth mechanic" designation seems unjust, yet some seem to do little to not deserve it. I'm sure there's more to dentistry than repairs and making things. I read somewhere where people die of mouth cancer and people have gum disease and some dentists solve problems that some physicians can't.

Perhaps the answer lies in those mysterious boxes. Maybe they should be full of books occasionally, instead of whatever it is they contain.



ARE YOU AS READY FOR THE FALL TERM AS YOU THINK YOU'RE READY FOR THE FALL TERM?

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SPORTS AND

COMPETITIVE TOURNAMENTS

Ladder tournament competition in fields of table tennis, pocket billiards and squash will be open to the students and faculty members of the Union. The events will start Wednesday, November 2, 1960, and will continue through January 20, 1961. Deadline date for entries is Monday, October 31, 1960. Entry blanks may be picked up at the Central Desk or the Athletic Control Desk of the Union. Awards for first and second place winners for the three events will be given. A registration fee of 50¢ will be charged to offset some of the costs of the awards. All events will be held at the Millberry Union with the table tennis and pocket billiard competition to be held in the Main Lounge Games Area and the squash games at the squash courts in the athletic wing.

Chess Anyone?

A new chess program will be installed for all chess enthusiasts, meeting every Thursday evening throughout the fall semester starting October 20, 1960. The program will include informal chess instruction for beginners and intermediates, and tournament play for interested individuals. All students, faculty, employees, alumni and guests are welcome.

Mr. Richard Seltzer will be in charge of the chess program instruction. The program will be conducted in the Main Lounge of the Union with instruction beginning November 3, 7:30-8:30 p.m. For tournament play a minimal fee will be involved to cover costs of awards. Further information for the program may be obtained from Richard Seltzer at MO 4-8113 or the Recreation Department Office Millberry Union, Room 243, or call MO 4-3600, ext. 721. Sign-ups for the chess program may be made at the Central Desk of the Union.

Ballroom Dance Instruction

Introducing again this semester to the students, faculty, alumni, employees and their guests will be a ballroom dance instruction program to be conducted every Thursday evening under the direction of Miss Loretta Barriours and Miss Babs Kassity, members of the Millberry Union Recreation Department staff. Instruction will be given at both the beginners and advanced levels.

The Beginners Section will concentrate on the basic ballroom dance steps, foxtrot, waltz and swing, meeting from 7-9 p.m. The Advanced Section will concentrate on basic variations of Latin American dance steps—cha cha, mambo, samba, rumba and tango,, meeting from 8-9 p.m. Included in the ballroom dance program is a special "Social Dance" period from 9-10:30 p.m. every Thursday evening for everyone. You do not have to be taking les-

sons to participate during this time. The program is being conducted in the Table Tennis Room of the Union. Classes are limited to 20 persons. A fee of \$2.00 will be charged for Union members and \$3.50 for non-members. Sign-ups are now being accepted at the Central Desk.

League Play Opens in Basketball

Six quick points by Dave Smith of the Frosh Med Team broke a tied game, and a 12-foot jump shot by Gary Broth in the last three minutes of play beat the Pharmacy Team 39-31 in the opening game of the Independent League in the current fall basketball schedule now under way at the Union.

Jumping into a quick lead the Frosh Meds eased their way through the first half with fine ball handling and shooting. The "ice box" cold Pharmacy Team wasn't able to find the bucket, getting only 10 points to the 24 of the of the Frosh Meds at half time. At the start of the second half the Pharmacy Team exploded with George Salmon scoring four quick jumpers and Gordon Chew's two one-handed jumpers. A two-point setter by Dick Lee of the Pharmacy Team tied up the game.

That was as far as the Pharmacists went as the Frosh Meds tightened their defenses and scored 8 points to go on to win. The second game of the evening saw the Soph Dents trounce the Frosh Dents 34-24. Both teams started slowly but the superior ball handling by the Soph Dents quickly determined the victor of the contest as Mike Paul, Ron Miller and Don Schniederma scored consistently for the Soph Team. Norm Emerich was high man for the losers with 9 points and Ron Miller was the game's high scorer with 10 points.

Results of the first night of league play for the Fraternity League were not available for this issue of the Synapse. Teams of the Independent League which plays on Tuesday night consists of the Sophomore Meds, Frosh Meds, Sophomore Dents, Frosh Dents and Pharmacy. Participating in the Fraternity League which plays on Thursday nights are the following teams: Anesthesiology, Medical House Staff, Delta Sigma Delta, Psi Omega, Zeta Phi and Kappa Psi. Psi Omega and Medical House Staff look to be the strongest teams.

UCMC All School Basketball Team

Looking forward to a successful season of basketball the UCMC "casabamen" men are on the move again. Practice was started on Monday, October 17. Among some of the players returning from last year's team are Hap Stallman, Gordon Helmers, Don Linck, Gus Gianilius, Ron Marena, Fred Singer and Murray Gardner with newcomers Dave Alvarez, Dave Smith and John Debenham. Others are expected to join the team in the near future. The team will engage in practice games with the Cal Blues with

RECREATION

the first game scheduled for December 5 and will enter into the Class A League in S.F. Unified School District Industrial League. Other practice games will be scheduled throughout the fall semester. An announcement of these games will be made for spectator interest. Randy Lim has taken on the coaching and managing job for the team. We are looking forward to a winning season.

Bowling

The crashing sound of tumbling pins at the Park Bowl at Haight and Stanyan Streets on Monday evenings probably results from the bowling balls of the UCMC league participants. The league plays its games from 6:15-8:30 p.m. every Monday night with Gordon Helmers and Loretta Barriours directing the activity. The league consists of 8 teams and many players are still needed for some of the teams. Anyone interested in joining one of these teams should contact Gordon Helmers or Loretta Barriours, or the Recreation Department Office in the Millberry Union, MO 4-3600, ext. 721. So far, the leading team is the Pin Pounders with Lois Gramlow, Carolyn Swanson, Sally Alpers and Dick Libby comprising the team.

Bowling League Standings:

| | Won | Lost | Points | Total |
|----------------|-----|------|--------|-------|
| * Pin Pounders | 6 | 0 | 2 | 8 |
| Biocrums | 4½ | 1½ | 2 | 6½ |
| B B Four | 3 | 3 | 1 | 4 |
| Parking | 3 | 3 | 1 | 4 |
| Swingers | 2 | 4 | 1 | 3 |
| Boozers | 1½ | 4½ | 0 | 1½ |
| Splitters | 0 | 6 | 0 | 0 |
| Timber Toppers | 0 | 6 | 0 | 0 |

* Lois Gramlow, Caroline Swanson, Sally Alpers, Dick Libby.

Hi Men's Game, Hamp Geran 211 - Hi Women's Game, Audrey Stanton 168.

Hi Men's Series, Dick Libby 562 - Hi Women's Series, Karol Rasmussen 440.

Hi Men's Average, Dick Libby 170 - Hi Women's Average, Karol Rasmussen 140.

* * * *

Big Game Excursion & Hawaiian Luau Celebration
Saturday, November 19th

All U.C. Medical Center faculty, students, alumni, employees and their spouses are invited to avoid the traffic problems involved in traveling to the California-Stanford Big Game at Berkeley on November 19 by taking in the third annual charter bus excursion sponsored by the Millberry Union. Excellent arrangements have been made to

transport a large group to the game via chartered, air-conditioned buses.

Highlighting the excursion will be a stop-off at the Union after the game for an exciting and gay HAWAIIAN LUAU to include top Hawaiian entertainment, lots of food and refreshments. We guarantee you will truly enjoy this occasion. The affair is expected to draw a large turnout again this year.

Ticket sales and charter bus reservations are being handled by Bud Alexander, Recreation Supervisor for the Millberry Union. Two plans are available.

PLAN A (for those who need game tickets): Cost, \$10.00; includes Game Ticket and Charter Bus Transportation to and from game.—AFTER GAME: Hawaiian Luau Celebration, dinner and refreshments - The Best in Professional Entertainment.

PLAN B (for those who already have game tickets): Cost, \$5.00; includes Charter Bus Transportation to and from Game.—AFTER GAME: the Hawaiian Luau mentioned in PLAN A.

Buses will leave from in front of Millberry Union at 12:30 p.m. and return to the Union immediately after the game. Reservation deadline is set for November 7.

Tickets are limited so don't delay in making your reservation.

Reservation applications are available by calling the Recreation Department Office, MO 4-3600, ext. 721, or they may be picked up at the Central Desk of the Union. Make your reservation early for this highlighted event of the year. Remember reservation deadline is set for Nov. 7. Tickets will be mailed out on this date.

Salmon Fishing Excursions

The last two salmon excursions for the fall semester are scheduled for Saturday, November 12 and Sunday, November 13. Reports from the last two trips on Saturday, Oct. 15 and Sunday, Oct. 16 have been excellent. "Lots of fish caught and weather was excellent." For general information regarding when, where and how much for the Salmon Fishing Excursions, please call the Recreation Office, MO 4-3600, ext. 721. Sign-ups are now being accepted for the November 12 and 13 excursions. A phone call is all that is necessary to sign up.



RAMBLINGS AT KAPPA PSI

by Tru Scientist

Since the founding of Kappa Psi in the Fifth Century, B.C., and since the proclamation of Nero that we be recognized as the foremost professional fraternity, only one flaw has appeared: This was the affiliation of Beta Gamma Chapter in 1910. Socially, this week we had an exchange with Sigma Epsilon Xi Sorority from Milpitas Tech. During the exchange there was much merriment and laughter, interrupted occasionally with a free hand of joy.

Among the glamorous attending sweeties were Petunia Pitts, Rose Bush, Patty Potts, Thelma Thud, Clara Quackenbush, Mable Ape and Hedda Perras. During the exchange many brothers rose to the occasion, and we managed to swap two of our most obvious closet cases for two of the sorority queens.

In connection with our professional improvement program, we are going to sponsor a dinner for underprivileged T.A.s. We will serve 3-inch thick New York Cut steaks with all the trimmings. We urge all those who fall under under this category to sign up early. This dinner will take place on February 31, 1985.

We had our first brotherhood work day last week; the only thing which was accomplished was the sterilization of the fireplace with Lysol.

Finally, after 23 years, a pledge found the ritual book and we had our first initiation, followed by our 23rd annual banquet, in conjunction with the Salvation Army.

Astonished at our feats of goodsportsmanship, the Kappa Psi intramural team played for twelve consecutive hours and reeked with success in winning the all-University trophy in Jacks.

SPORTS HIGHLIGHTS

KAPPA PSI WINS

by..... THE COACH

Kappa Psi's basketball team, brilliantly coached this year by Hooks deZordo, decisively crushed their opponents in their first outing of the season last Thursday night, October 13th. A fantastic combination of dazzling floor work on the part of the outside men, coupled with pinpoint shooting and bone-crushing rebounding by the front line, made the towel-chewing job for coach "Hooks" even easier.

One additional factor put the clincher on Thursday night's tilt, and that was the fact that the other team didn't show up.

WHAT MODERN THEOLOGIANS ARE THINKING

is the title of a series of discussions led from 6 to 7 p.m. every other Tuesday night by Reverend Ronald McNeur.

The place — Room 133, Millberry Union.

Coming Discussions: Tuesday, Nov. 1
Tuesday, Nov. 15

On the alternate Tuesday evenings: Nov. 8 and Nov. 22 various speakers will lead discussions concerning religion as it relates to different aspects of our modern world.

Everyone is welcome to attend.

These discussions are being sponsored by the Presbyterian Campus Ministry.

CPS APPLICANTS

Those students who have applied for health insurance under the CPS group plan may pick up their "I.D." cards from the Office of the Dean of Students, Room 60, UCH.

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* SPECIAL NOTICE *

the SYNAPSE BOX for article contributions, letters to the Editors, etc. from Staff, Students and Faculty will be located at the Millberry Union Central Desk by next issue deadline, November 1.

PATRONIZE

the



BEE HIVE

1285 - 20th Avenue

SYNAPSE STAFF MEETING

The Synapse Staff will meet Wednesday noon, Nov. 2, in the Publications Office, Room 249, Millberry Union. The meeting will start at 12:05 and last approximately one-half hour.

All staff members should attend.

CHOLINE SYNTHESIS

University of California biochemists have found a previously-unknown mechanism by which the body makes choline, a vitamin which helps maintain normal liver function.

The work was done by Dr. David M. Greenberg, chairman of the Department of Biochemistry at the University's San Francisco Medical Center, and Dr. Jon Bremer, a recent research fellow from Norway. The study was supported by the National Institutes of Health. Dr. Greenberg has just received a three-year, \$46,000 grant from the National Science Foundation for further exploration of the chemical reactions and enzyme systems involved in choline synthesis and related life processes.

Choline functions in the body as a component of lecithin, one of the important phospholipids, or fatty phosphorus compounds, found in blood and tissues. It has long been known that lecithin is made in the mitochondria, rod-like granules in the protoplasm that surrounds the nuclei of cells, by utilizing choline from the diet.

It had been suspected, however, that there was a mechanism by which the body could manufacture choline from other foodstuffs and incorporate it into lecithin. Drs. Greenberg and Bremer found that this second mechanism takes place not in the mitochondria but in the microsomes, a group of minute granules that are also found in protoplasm. Their experiments have been reported in the journal *Biochimica et Biophysica Acta*.

The U. C. Medical Center investigators performed chemical and radioisotope studies on rat liver cells and on isolated microsomes. They found that in microsomes, choline is manufactured by the addition of three methyl groups (consisting of an atom of carbon and three of hydrogen) to a phosphate-bound form of ethanolamine.

Ethanolamine (like choline itself) is a constituent of phospholipids; among those in which it occurs is cephalin, required in the blood-clotting process. Ethanolamine is related to ordinary alcohol, but has in addition an attached nitrogen atom. Methyl groups are common in organic substances and are frequently shifted from one compound to another. Those used in the formation of choline come from methionine, one of the essential dietary amino acids.

The new findings contribute significantly to understanding of an important and complex step in metabolism. The researchers believe the results will be helpful in learning more about disturbances in health that result from abnormalities of choline function. For example, fatty degeneration of the liver results from a choline deficiency.

(see next col.)

LETTERS TO THE EDITOR OPEN LETTER TO THE NURSING CLASS OF '63

Although I think that there is need for improvement in the relationship between the various health professions, I do not completely agree with your statement that nurses are "socially and psychologically isolated."—at least, relationships on this campus seem to be better than that. If you are having difficulty in this area, however, try some of the following:

- Join the SYNAPSE staff and work with the present editors from the various schools. (Help the Bigger and Better Synapse become even bigger and better).

- Improve relations with and recognition of some of the other curricula on campus (physical therapy, dental hygiene, dietetic interns, etc.). You could do this through the medium of our very own campus humor magazine and professional journal, the SYNAPSE, by inviting them to join the staff and by interviewing them for articles about their school.

- Subscribe to and write articles for TOMORROW'S NURSE, the journal for student nurses. Suggest and promote the exchange of abstracts of articles on pertinent subjects between this magazine and THE NEW PHYSICIAN, journal of the Student American Medical Association.

Above all, become aware of the valuable contributions that you can make in the realm of patient care. Do not hesitate to speak out when you have something constructive to offer.

Barbara Deushane
Third year nursing student

CLASS ACTIVITIES

The Freshman Class of the School of Pharmacy held its first annual class elections on October 7th. After a very scholarly battle, the victors were: President, Phil Harris; Vice President, Bill Smith; Secty-Treas., Diana Falkenberg; A.Ph.A. Representatives, George LaVaque and Bob Miller; School of Pharmacy Treasurer, Linda Raplee.

So far this year, besides "pounding the books," we have planned a Class Party for Friday, October 28th, at the Kappa Psi Fraternity house. We have also decided that we will beat the sophomores in softball at the annual School of Pharmacy picnic.

In continuing studies, Dr. Greenberg and his associates are attempting to isolate the enzymes involved in the newly-described mechanism of choline production, and to study the individual steps of the process.

EMERGENCY MEDICAL CARE FOR STUDENTS

Dr. Adrienne A. Batts, Dean of Students, has asked that the following announcement be brought to the attention of students on this campus needing emergency medical care:

Students who are injured or acutely ill should report first to the Emergency Ward in Moffitt Hospital. In this way they will receive the quickest attention in an installation oriented to emergency care. Arrangements will be made with the Emergency Ward and the Services involved to transfer the student to Student Health Service care when his condition permits.

The only purpose of this directive is to provide students with the quickest and best medical consultation available on this Campus. Recent injuries have indicated that time lost may be critical and, therefore, an emergency visit to the Student Health Service facility is potentially dangerous, since they are not equipped as an emergency ward.

* * *



COFFEE & DONUTS

will be sold each

Thursday night at 9 p.m.

in the
Men's and Women's Residences
at Millberry Union

Coffee 10¢

Donut 10¢

Third Year Nursing Class

RUSHING REPORT

Kappa Psi had its first rushing function of the year on Thursday, October 13th, and the event was a big success. We began the evening's entertainment by forming a large circle with chairs, but the house advisor came in at this point and put a stop to it. So the house president, Rich Taricco, got up instead and gave a short talk about Kappa Psi, relating the history of the house, introducing some of the members and informing the rushees as to what will be expected of them as pledges. When the rushees began drifting out, though, we also had to put a stop to this part of the program.

A tour of the house was conducted next. We went deep into its depths and showed the awed rushees our game rooms. It was noticed when we returned to the main floor that several freshmen were missing and a rescue party is planned in the near future. Meanwhile, we feel, although disproved by eminent scientists, that the missing students will gain enough nourishment from the alcoholic contents of various beverages located in the game rooms to survive until our rescue party should reach them.

Meanwhile, our chef, Dom "Fats" Cavallo, had prepared cuisine fit for a king and this was rapidly consumed. The refreshments flowed—like beer—and several card games were started.

Noted among the prominent "dealers-off-the-bottom-of-the-deck" were alumni Bob "Amos" Wise, Rod "Andy" Trego, Gene "The Pro" Cunningham, Jon "T.A." Blumensstock; actives Bob "Fingers" Kramer, Glen "Hearst" Cureton, Wayne "Fuz" Foster, Pete "True Scientist" Lazo, Sam "The Kid" Kidder, Lou "Midget" Wollenberger, Bill "Buck" Rogers and rushees "Hormones" Kellogg, Ralph "The Reamer" Reamy, Ston "Lover" Yackamouth, Gary "The Face" Moore, Jerry "The Boozer" Tanaka, Rick Abe, Larry "Big Red" McKay, Dennis Adair, Fil Barrozo, Bill Smith (sounds phoney), George LaVaque and many, many others.

The evening was brought to a close with the appearance of our house mother (it's rumored that she's expecting), Mother Hucks, whom we all love, and by a subtle message from the dean of students which indicated that we were becoming a trifle exuberant. So we turned towards bed with a smile, knowing that the good will of Kappa Psi had been again distributed and one more of our real fine parties had been accomplished successfully.

Hospital Care . . . (cont'd)

Hixson emphasized, are a pilot operation, small in scale. The number of patients who can be accommodated will be limited. If, after a one-year trial, the experiment has proved capable of meeting its costs and has been satisfactory to patients and physicians, minimal care facilities will be extended—either in the renovated University of California Hospital or in the Herbert C. Moffitt Hospital, which opened in 1955.

The University Hospitals, Mr. Hixson noted are required to operate on a self-supporting basis. A substantial majority of Medical Center patients are clinic patients, who have been determined to be unable to meet the full costs of their care and are given discounts from the full rates in recognition of their value to the University's teaching and research programs. But the hospitals are reimbursed for these discounts from teaching and research funds.

The U.C. Medical Center also has plans for early development at the other end of the "progressive patient care" spectrum. Alterations have begun on one wing of of the seventh floor of Moffitt Hospital to establish a specially equipped and staffed intensive care unit of about ten beds. This unit (for which a three-bed pilot program is already in operation) will be for patients whose critical condition requires constant supervision and may require quick emergency attention. In an intensive care unit, patients receive attention similar to that in a post-anesthesia recovery room, and do not require private duty nursing.

The newly-opened section of the University of California Hospital also contains an 11-bed psychiatric unit, in keeping with the trend toward care of patients with mental and emotional illnesses in general hospitals. Eight of its single rooms are furnished as "studio rooms" without the usual hospital atmosphere. The unit has a day room for all patients, and its staff will include a full-time occupational therapist.

The remaining single and double rooms in the re-opened hospital will serve general medical and surgical patients.

U.C. Hospital, built in 1917 with private funds, stopped admitting patients in 1955 when the 474-bed Moffitt Hospital opened. Cost of the interior reconstruction to date has been about \$1.4 million—substantially less than the cost of erecting a new building with comparable facilities. Funds for completion of operating rooms, laboratories and other service facilities have been appropriated. Pending completion of this stage of reno-

(see next col.)

MEDICAL CRISIS

Read the articles in HARPER'S MAGAZINE and you'll believe there is a Crisis in American Medicine, (October, 1960). Featured are: "The Politics of Medicine," "The Decline of the Healing Art," "The Patient's Right to Die," "Do You Really Want a Family Doctor?" "A Doctor Prescribes for His Profession," "Medical Research: Choked by Dollars," "Tomorrow's Hospitals," "Beyond Traditional Medicine."

by Virginia Young,
School of Nursing

FOREIGN AFFAIRS—so close

An amazingly worldwide representation was assembled in the Faculty Lounge of the Millberry Union last Tuesday, October 18, between four and six in the afternoon. The event: a reception for Medical Center foreign students. Present for the welcome were some student-leaders and representatives of the Dean's Office, which sponsored the event.

Such experiences and people as the following were encountered by this observer: a conversation concerning medical schools and the United Arab Republic with an Egyptian Doctor of Biochemistry; comparison of U.S. and Indonesian pharmaceutical practices; a political discussion with a Swiss doctor (Kennedy inclined) and a Hong Kong pharmacy student (Nixon inclined); Mardi Gras in Quebec—and gabbing with another Canadian dietetic intern from Vancouver; Belgian and Argentine personalities; Pharmaceutical, chemistry and biochemistry grad. students.

These represent only a few of those present and only a very small fraction of the foreign students on this campus.

vation, these services will be provided by Moffitt Hospital for U.C. Hospital patients.

Ultimately, the University plans to complete the renovation of the hospital for a total of 210 beds. Meanwhile, the unaltered areas of the hospital will continue to serve as administrative and medical offices.

Like Moffitt Hospital, the "new" U.C. Hospital will be staffed by members of the School of Medicine faculty. The school has approximately 1,000 faculty members, the great majority serving voluntarily on a part-time basis. The U.C. Hospital will be utilized in training programs for interns, residents, and medical and nursing students.

Both hospitals will be administered as a single unit—the University of California Hospitals.

Corrections Workers Meet For Extension Conference

SAN FRANCISCO.—The Twelfth Annual Training Institute for Probation, Parole and Institutional Staff, presented by University of California Extension, will meet in San Francisco October 26-28.

Experts in criminology, social welfare, juvenile problems and psychiatry will take part in the three-day program of lectures and workshops.

Highlighting the institute theme "Explorations in Corrections" will be a survey of California planning for corrections in the 1960's, presented by Richard A. McGee, director of the Department of Corrections, and Heman G. Stark, director of the Department of the Youth Authority.

Other principal speakers will be Albert K. Cohen, U. C. visiting associate professor in sociology, and Milton G. Rector, director of the National Council on Crime and Delinquency, New York.

The institute will meet at the U. C. Extension Center, 55 Laguna Street, San Francisco. Further information about the program may be obtained from the Department of Conferences, University Extension, University of California, Berkeley 4, California.



JOSEPH P. BURKE

Criminal Behavior Topic Of Public Conference

SAN FRANCISCO.—A one-day conference on "Origins of Criminal Behavior" will be presented in San Francisco on Saturday, October 29, by University of California Extension.

Designed for the general public, the meeting will feature talks by experts in psychiatry, social welfare, criminology, sociology and juvenile problems.

Topics for discussion will include the causes of criminal behavior; present methods of control and rehabilitation; and the role of the citizen in alleviating the causes and effects of crime.

Further information may be obtained from the Department of Conferences, University Extension, University of California, Berkeley 4, California.

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