

The Synapse

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Medical Sciences Exposition Slated Here May 5, 6, 7

This Thursday, Friday and Saturday, the Student branch of the American Pharmaceutical Association, will sponsor the first annual Medical Sciences Exposition.

The exposition, which will be held in the Steninger Gymnasium at the Millberry Union, will consist of more than seventy displays and exhibits from virtually every school, department, institute and foundation at the University of California Medical Center.

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The purpose of the Exposition is to acquaint students and other interested persons with the activities of the many areas and specialties which comprise the medical sciences, and to give them an appreciation of the very important research carried out on our campus.

The Exposition will also serve to acquaint hundreds of high school seniors with the medical sciences. In addition to the exhibits, tours will be provided for them by the Recruitment Committee, headed by the Dean of Students, Dr. Adrienne Batts.

Continued on page 4

"Marriage-Do-It-Yourself"

by Vince Blake

The Rev. William D. Ryan, S. J., will speak on the subject "Marriage-Do-It-Yourself" at the next U.C.M.C. Newman Club meeting to be held on Monday, May 9th.

Father Ryan is on the faculty of the University of San Francisco and is an old friend of the Newman Club, having been our guest speaker several times in the past.

The meeting will be held in St. Anne's Library (Funston and Judah Streets), beginning at 7:45 p.m.

At this last meeting of the school year the Club will elect a new set of officers. Those nominated at the last meeting were: for president, Mike Clarke; for vice-president, Joe Lucido and George Monteverdi; for treasurer, Bob Hickey and Bill Kucher; for recording secretary, Marie Heid and Sue Rivers; for corresponding secretary, Mary Ann Abbott and Claude Bart.

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Pharmacy Student in
Chem. Lecture

EDITOR'S NOTES

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HOW do you enjoy your job at this school?

Is it amounting to just about that? Do you consider the U. C. Medical Center a campus? I will not elucidate on this last question. The important challenge to me is: *What can we, as students, derive from our common experiences on this campus.*

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It is true we are still a subsidiary campus in many respects, but we are even more than that—we exist as a divided subsidiary campus. Only a few days ago I learned that the secretary of our associated student body is Mary Ann Gidlof, from Dental Hygiene. Can you name the vice-president? Immaterial perhaps—but interesting.

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Do the students want unity? External appearances seem to radiate "No!" I wonder if this is really true. I think we would benefit from campus unity-interprofessional associations in our common fields.

... Next year we will have graduation on this campus. How will you feel when your parent or relative inquires about the speakers from other schools and you must reply that you neither know, *nor know of*, them?

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Perhaps the Student Government structure is partially at fault. I do not intend to offer a solution here. It is only my hope that the new *SYNAPSE* will help promote some congruency among the schools.

GLEN CURETON,  
EDITOR

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NEXT	SYNAPSE	DEADLINE
	MAY 10	

Listening In

by Barbara Deushane, School of Nursing

Overheard in the cafeteria the other day was a heated argument between a young intern and a dark-haired student nurse. . . . On the steps of the Union one afternoon last week, we observed a gaunt fourth-year medical student and an attractive nursing student talking about. . . . Why, it was only yesterday that we saw Dean Nahm and Dr. Saunders standing in the hall discussing. . . . *They were all talking about. . . . NURSING???*

Yes, there has been much controversy around campus, concerning nursing. It seems people have varied opinions as to whether or not U.C. student nurses are being educated with a view of producing the type of nurse both patients and doctors want.

What kind of a nurse do patients want? In general, patients say they want someone who's "friendly," "cheerful," "understanding," and "interested in them." They say, also, that they want a nurse in whom they can have confidence, e.g., "one who will be there when you need her."

We talked to a dentist who, while hospitalized, decided upon "*basic qualities*," or "*minimum requirements*," which he thought nurses should possess. These were "*empathy, interest, competence, physical attractiveness, and a reasonable amount of coordination*." An M.D. who has recently been hospitalized said that he expected different things from a nurse when he was a patient than when he was a patient's doctor. As case physician, he wanted a nurse who could carry out orders, make scientific observations, and give an accurate report. As a patient, he wanted, in addition, the "personal touch," or "someone who *cared* whether or not the bed was lumpy."

Interns and medical students mention the personality factor when they are case physicians, as well as when they are patients. One intern said, "I really spend a lot of time around here and often get tired, so I like a nurse who's somewhat jovial." In general, all agreed upon the following requirements for a good nurse:

1. **COMPETENCY**—"One who knows what she's doing." She must be able to carry out orders meticulously and be familiar with the technical aspects involved in everyday ward activities. She should be able to recognize and meet the basic physical needs of the patient and provide for his comfort.

Continued on page 3

The Student Branch of
AMERICAN PHARMACEUTICAL ASSOCIATION
First Annual
MEDICAL SCIENCES EXPOSITION

Foreword:

With the continuous expansion of the Medical Center and the increased amount of research on our campus, it becomes increasingly difficult for a student to follow the developments of Departments and Schools other than his own. In this age of specialization, students must then make an effort to widen their understandings of the companion Health Sciences rather than to become so engrossed in their own particular area, as to remain oblivious to the significant and timely research and contributions of the complementary areas, and to lose the over-all perspective necessary to carry out professional goals.

This effort must be made by the students individually, of course, but it is the hope of the A.Ph.A., in presenting the Medical Sciences Exposition, that it will provide the opportunity to increase this perspective and give further insight into the many specialties that comprise the Medical Sciences.

The success of this endeavor must be credited to the combined effort of many people to whom we are indeed grateful:

To Dean of Students, Dr. Adrienne Batts, for her continued support and the fine job her Recruitment committee and office staff have done in presenting the Exposition to hundreds of high school students; — to Bob Alexander, without whose constant help and cooperation the Exposition could never have become a reality.

To Charlie Salyer and Grounds and Buildings for backdrops and electricity; — to Will Simms and Ralph Sweet and their students at Audio-Visual, for the fine art work on many of the displays.

To L. Bell for city-wide publicity; — to The Synapse for their fine coverage.

. . . . The final credit, of course, belongs to the individual exhibitors, whose time and energy has been so generously contributed and to whom the ultimate credit belongs.

THE STUDENT BRANCH

AMERICAN PHARMACEUTICAL ASSOCIATION

1. Anatomy	deGroot	Techniques in Steriotoxic procedures
2. "	Elias	*Title not available at time of publication
3. "	Garoutte & Wagner	Dialysis of Brain Homogenates
4. "	Glass	Studies in mammalian embryology
5. "	Hawkins	A demonstration of teaching specimens in neuroanatomy
6. "	Hayashida	Relation of human pituitary growth hormones to that of the monkey & other species
7. "	Lyons	Demonstration of small organ perfusion apparatus
8. "	Miller	Comparative Physiology for carbohydrate metabolism
9. "	Monie & Nelson	Congenital abnormalities of Cardiovascular, urogenital, skeletal, & nervous systems resulting from folic acid deficiency
10. "	Reinhardt	*
11. "	Weisengreen	An Electromyographic evaluation of the Oro-facial muscles in the face pain patient
12. "	Wissig	An electron microscope study of permeability of capillaries in muscles
13. "	Simpson, Evans	*
14. Anesthesiology & Cardiovascular	J. Severinghaus	Electrodes for blood PCO ₂ and PO ₂ determination
15. Biomechanics	E. Johnson	Research in the fields of orthotics, prosthetics, & problems of the amputee
16. Cancer Research Institute	Silliphant	The cancer research institute, its mission and current research program
17. Cardiovascular Institute	-	Cardiovascular case progress index
18. Cardiovascular & Surgery	Wurick & Spotts	Demonstration - The artificial Heart-lung apparatus
19. Oral Surgery	D. Grimm	Oral surgery procedures

20. Dental Hygiene	V. Krohr & J. Poupard	How effective are oral dentifrices in reducing oral bacteria count?
21 Dentistry Div. of Periodontology	H. Ray	Clinical microscopic illustration of oral lesions.
22. School of Pharmacy	Tom Tozer, Bob Mirigian Gary Pichon Rho Chi Society	Educational requirements in Pharmacy.
23. "	E. Brochmann-Hanssen, Way, Kaul	Metabolism of Aporophine
24. "	Eugene Jorgensen	*
25. "	B. Ballard	"Study of Drug absorption from Solid Drugs Implanted subcutaneously"
26. "	L.A. Strait, F.M. Goyan, W.D. Kumler, L.D. Tuck, T. Tozer C. Lee	"Exhibits of Pharmaceutical research in the following areas of Physical Measurement 1. Dipole moments. 2. U.V. & Visible spectra 3. I.R. Spectra 4. Ionic Conductances 5. Electron-spin resonance
27. "	H.P. Tipnis	"Areas of Research in the Dept. of Pharm. Chemistry"
22. Dental Hygiene	Victoria Krohr Jean Poupard	How effective are oral dentifrices in reducing oral bacteria count?
23. Dietary	M. Harding	Dietetics, its background, training & application.
24. Hooper Foundation	J.R. Audy & Staff	Growth of Hooper found. & new scope, emphasis on tropical medicine.
25. Dept. Medicine	T.L. Althausen	Effects of loss of tissue from G.I. tract & results of starch & ileith tolerance tests for pancreatic insufficiency.
26. Diet Medicine	Milton Holenberg	Demonstration of phono cardiogram.
27. " "	Rider & Hoeller	Pathophysiology, diagnosis & treatment of esophageal disease
28. Medical technology	Bostie & Triefkens	Medical technology & Exfoliative cytology.
29. Metabolic unit for research in arthritis & allied diseases	Forsham & Diraimondo	Patho physiology of adrenal diseases.
30. " "	" "	"Effect of ant pituitary growth hormone in man"
31. Microbiology & Opthamology	Jawetz & Thygeson	Trachoma the virus and its treatment.
32. Neurology	Aird & Becker	Blood-Brain Barrier Exchange
33. Neurology	Garoutte	Electroencephalographic Cerebral Pacemaker
34. Nursing	Evans & Committees	Selection, training curriculum of new nurses and new educational training.
35. Obstetrics & Gynecology	Page & Goldfien	Three research problems of obstetrics & gynecology
36. Otorhinolaryngology	Sooy	Ear, nose, and throat investigative studies
37. Pediatrics	Grossman	Studies in concentration of nutrients in blood of newborn
38. Radiology & Pediatrics	Wm. Reilly & K. Scott	Clinical application of radioisotopes in pediatrics

39. Pediatrics	Phibbs & Murphy	Microelectrophoresis of cells
40. Pediatric Allergy	Allensmith & Frick	Hemagglutination technique for demonstration of antibodies to Grass Pollen from Hayfever Patients
41. Pediatrics	Piel & Rutdings	Human growth hormone studies
42. Pediatrics	Haskins	Experimental anaphylaxis in rats influence in fetal animals
43. Pediatrics	W. Tooley	Aspects of pulmonary physiology in infants and children
44. Pediatrics- Cerebral Palsy Program	P. Cohen	Description of cerebral palsy program
45. Pediatrics	Piel, Dong	Electron microscopy of renal disease
46. Pediatrics	Kushner, Ablin, Murphy	Peripheral blood smears in diagnosis of pediatric blood disorders
47. Pediatrics	Simpson	Studies in congenital heart disease
48. Physical Medicine & Rehabilitation	Bard & Choren	Physical rehabilitation for daily living
49. Physiology	Bennett	Cardiac effects of Hypothermia
50. Preventive Medicine	Petrakis	Human ecology and its relationship to Preventive Medicine. Research activities in Dept. of Preventive Medicine
51. Proctor Foundation & Dept. of Ophthalmology	Hogan, Zweigert, Lewis	Ocular Toxoplasmosis
52. Proctor Foundation	Thygeson, Garron, Feeney, & Hogan	Electron Microscopy of ocular tissue
53. Psychiatry	Callaway	Research at Langley Porter
54. Radiological Laboratory	Stone & Adams	Program & activities of the Radiological Laboratory
55. Radiology	Scott	Tumor host studies
57. Research & Development Lab.	H. Vreeland	Thermistor pneumograph (Respiration Rate Indicator)
58. Research & Development	R. Vreeland & C. Collins	Video Microplanimeter (Bone Biopsy Scanner)
59. Research & Development	R. Vreeland	Recording physiological phenomena on magnetic tape.
60. Research & Development	Moore	Aortic valve prosthesis & cardiac pulse duplicator
61. Surgery	Harold Harper	Recognition & treatment of alterations in ammonia metabolism
62. Surgery & Dermatology	Blackfield, Torrey, Morriss	The management of hemangiomas
63. Parasitology & Tropical Medicine	Strauss	Trypanosomiasis (African Sleeping Sickness)
64. Urology	Hinman & Oppenheimer	"The Ileal Segment as a Valve"
65. Pharmacology	Hine & Burkhalter	Effect of drugs on liver
66. Pharmacology	Elliott, Elson	Effect of drugs on human behavior

EYES AND EARS

The survivors posted a notice: "Lost, or stolen, or strayed . . . Our beloved Dr. Willie Banks seems to have been mislaid."

And indeed he was, at a recent Big Sur camping trip. Although he was also reported found, I had my doubts until he turned up at the cocktail party held for *visiting firemen* from Davis, March 30th. Those J.C.s really give a party—and who was that blonde I saw everyone with?

Wasn't it during an ASUMC board meeting discussion on how to raise inter-school spirit that ten members of the Senior Nursing Class were heard returning from a birthday celebration singing "We're here because we're here because we're here," which only goes to prove that *spirit(s)* is where you find it. And weren't two of those same seniors supposed to be at that meeting? How about it, Cathie and Nancy?

Old Pharmacy Students' Tale—all pregnant women, who eat pizza before delivery, have twins. And I have proof—recently a certain prominent Pharmacy student's wife did not eat pizza and . . . she did not have twins! Congratulations anyway, Mr. and Mrs. Allsman.

Trouble with telephone wires lately? Three young men were spotted flying kites from the roof of Millberry Union. And who are the budding young bird watchers who have their binoculars trained westward from the men's wing of Millberry Union. Sorry boys, no spring chickens in that direction - -

Listening In (cont'd from page 2)

2. **ALERTNESS AND SENSITIVITY**—"One who picks up changes in moods and knows how to take care of patients when they become anxious." She should make accurate physical observations and be able to communicate same by either verbal or written reports.
3. **INTEREST AND CURIOSITY**—"One who is interested enough to know what's going on," and curious enough to "ask questions about patients." She should be familiar with her patients and their problems.

Although it was not the purpose of this article to settle the controversy about U.C. nursing education, unstructured interviews from ten senior nursing students led us to believe that the students are primarily oriented in the general direction that the patients and doctors indicated.

U.C.N.S.B. PARTICIPATES IN "CAREERS DAY"

On March 26th, a Careers Day was held for high school students at Roosevelt Junior High School in San Francisco, by the San Francisco Youth Association.

There were two sessions on nursing led by Miss Charlotte Gaffney, instructor at U. C. School of Nursing, who enumerated some of the important qualities required in a nursing career.

Student nurses in uniform from U. C. School of Nursing, St. Joseph's School of Nursing, Mt. Zion School of Nursing, U.S.F. School of Nursing, and Santa Rosa J.C. School of Nursing, explained the differences between their schools, entrance requirements, what student nurses do in their spare time, and modeled their uniforms.

A cap bar was set up, where girls could try on the various nursing school caps and displays, relating to nursing, were set up.

U.C. School of Nursing was represented by Miss Marian Freitag, nursing student, and Miss Marie Kurihara, instructor at U.C. School of Nursing and member of the San Francisco Youth Association.

WESTMINSTER DISCUSSIONS

by Gwendolyn Rothman

Tradition in the family or experiences in an individual's life often determines his choice of profession. During our student years we are so busy acquiring knowledge and skill that we are not completely aware of the ethical obligations to be maintained by a professional person throughout his life.

The Westminster Foundation is sponsoring discussions of Professional and Personal Ethics.

Medicine is not only a science and an art, but for the physician it is a way of life. The declaration of Geneva, trying to maintain the honor and noble traditions of the Medical Profession, contains passages which are in conformity with religion—" . . . do unto others as ye would have others do unto you . . . " it states!

"I solemnly pledge myself to consecrate my to the service of humanity."

"My colleagues will be my brothers."

"I will not permit considerations of religion, nationality, race, party politics or social standing to intervene between my duty and my patient."

"I will maintain the utmost respect for human life from the time of conception; even under threat. I will not use my medical knowledge contrary to the laws of humanity. The health of my patient will be my first consideration."

While our teachers give us all the scientific training, it is very important that we discuss and exchange opinions during our student years.

The discussions of such topics in Millberry Union help us to develop our personality and our conscience.

KAPPA PSI

Kappa Psi Pharmaceutical Fraternity began the year by welcoming seventeen pledges into active roles of fraternity life. Fourteen of the seventeen activated are from the Freshman Class, which is regarded as one of the best classes in school history.

★

Election of new officers was held in early March. Dick Taricco replaced Jon Blumenstock as Regent. Others elected were Lou Wallenberger, Vice-Regent; Bob Barclay, Recording Secretary; Bill Rogers, Corresponding Secretary; George Hucks, Treasurer; Wayne Foster, House Manager, and Sam Kidder, Chaplain.

★

Under the guidance of the new Vice-Regent, an active social calendar was planned. Included in the plans were a series of Friday night parties and our annual Luau. Those who attended previous Luau's are still talking about the tropical drinks and entertainment. A short supply of guest passes for the Luau will be available on May 7th and may be obtained from Lou Wallenberger.

★

Alumni Night at Kappa Psi was a social success. Pharmacists from all over Northern California came back to visit with fellow graduates, actives, and Faculty members.

★

Kappa Psi is represented in the intramural basketball league, which started April 7th at Steninger Gymnasium. Included on the starting quintet are Joe Monge, Rick Taricco and Don de Zordo.

Med. Sci. Exp. (cont'd from page 1)

All students and personnel are encouraged to visit the very interesting and educational displays, which represent many months of effort on the part of each department to make this opportunity possible.

The members of the Student Branch of the American Pharmaceutical Association, serving on the Medical Sciences Exposition committee are: Bill Barr, Harry Avila, George Pennebaker, Bob Cooper, Bob Barclay, Carl Meyer, Al Flood, Tom Fowler, Bob Commer, Claude Bart and Joyce McCown.

Faculty advisor is Dr. W. T. Schwarz.

● SENIOR MED GOINGS-ON ...by Jim Villaveces

Have you heard about the interesting internships this year's senior meds have chosen? For instance, you'll see **Duane Reed** busily learning his Spanish for his hospital stay in Panama City. **Dave Swanson** has bought his dark glasses and is trying to get a tan before his July 1st appointment at Tripler Army Hospital in Hawaii.

● ●

Belton Meyer, MediCal yearbook editor, has been having nightmares these nights. He dreams that he's just finished lining up all the yearbook photographs on the floor, only to have someone open the door, scattering them all in a mixed up pile.

Will all the pictures come out on the right pages? Buy your MediCal now from your class representatives and find out! This is really a bargain at only \$4.50.

● ●

Well, Mrs. **Ann Lawrence** finally had her baby, much to the relief of her classmates. Wild rumors had the infant weighing up to 15 pounds, but Ann modestly confesses her boy weighs only 8 pounds, 15 ounces.

Seen around the hospital: **Duane Reed**, **Bill Banks** and **Don Chew**, busy working on the Senior Play. If you'd like to see this mighty epic and catch all the surprises, then come to the Senior Banquet at 6:30 P.M., June 10. Student and House Staff admission will be only \$3.50 for drinks, play, and banquet.

HURRY AND BUY YOUR MediCal TODAY
YOU CAN BUY THEM FROM ANY OF
THE FOLLOWING MediCal SALESMEN:

Nursing: Marie Heid, Carol Smeds
Dentistry: Lauren Anderson, Janet Wong, Yue Mar
Physical Therapy: Nancy Rice
Dental Hygiene: Ann Keller, Helen Hirschberg
Medicine: Diane Gordon, Belton Meyer
Pharmacy: Brenda Lee, Linda Shore

Marriage . . . (cont'd from page 1)

Both religious and social activities have been scheduled to complete the Newman spring calendar. On Sunday, May 15th, the Club picnic will get under way in the Los Altos area at Mt. St. Helena. The plans include swimming, sports, a barbecue lunch and dancing. The cost is \$1.25. Cars, drivers and passengers will meet in front of Millberry Union at 11:00 a.m. for this pre-finals "get-away-from-it-all."

May 22 is the date for the semester Communion-Breakfast. The group will attend the 9:30 Mass at St. Anne's Church, followed by a breakfast in the St. Anne's School cafeteria.

The breakfast honors the graduating seniors and it is to this group, in particular, that Dr. Harold A. Harper, Club faculty advisor, will speak.
