

Duplicate Bridge Winners Named

Wolfram Clark and Dan Duke won first place north-south in the regular duplicate bridge tournament at Graham Memorial.

Fourteen tables were used Monday night. Other student winners were as follows:

Frank Carlisle and Mrs. Mildred Alexander, town woman, won second place north-south. Duke students Navel Crawford and Martin Skell won third place north-south.

Playing east-west, Frank Eagles and Joe Rand were second place, and Mary Fortune and Chuck Bonham were third. Fourth place winners were Anita Withers and Krishna Murthy.

The director announced that the block master point tourney is scheduled for Monday night.

Counselor Applications Ready Tues.

Coeds may apply Tuesday through Thursday to serve as freshman counselors in the fall.

Applications for these counselors will be available in the dean of women's office Tuesday through Thursday and must be filled out by Thursday.

The freshman counselors will live with the new coeds in Spencer Dormitory the entire year, in addition to their usual duties as orientation guides.

Interviews with applicants for these positions will be held within the next two weeks by a joint committee of the Women's Residence Council and the Orientation Committee.



MRS. VIRGINIA MOWERY, senior medical technologist, works with the new auto analyzer at N. C. Memorial Hospital at the University of North Carolina.

Auto Analyzer Helps Fight Disease In UNC Laboratory

Centuries before the birth of Christ, man had already begun his ageless search for poisons or devices to aid him to combat diseases.

Two of the most recent dramatic developments in this timeless fight against diseases have been the Salk vaccine for polio and the rapid progress being made in this country toward the practical elimination of tuberculosis.

In recent years great strides have been made in the development of machines to assist physicians in their battle against pain and death.

Two of the better known machines of this type are the artificial heart-lung machine and the artificial kidney. Both of these machines are in use at the N. C. Memorial Hospital.

More recently, another modern machine has been placed in use at Memorial Hospital to aid the scientists in their fight against disease. This new instrument is known as an auto analyzer.

Unlike the heart-lung machine and the artificial kidney, the auto analyzer is not attached to the patient's body, but works with fluids that have been removed from the

body. The heart-lung machine takes over the functions of the heart and lungs while delicate operations are performed on the heart. The artificial kidney is used to treat acute kidney failure and to assist the human kidneys to remove poisons from the blood stream. The artificial kidney does not replace the functions of the human kidneys, but assists the human kidneys in their work.

The auto analyzer is located in the Clinical Chemistry Laboratory of Memorial Hospital. The laboratory is headed by Dr. Charles R. Spell, assistant professor of biochemistry in medicine, who received his Ph.D. degree in chemistry from UNC in 1955. He has a staff of 12 persons assisting him in the operation of the laboratory.

A laboratory technician, with the aid of an auto analyzer, can run twice the number of analyses as a technician without the machine. The speed is not the only important element to be considered. Machine analyses are more accurate than those performed by hand.

The auto analyzer holds 40 different samples of fluids. After the fluids are placed in the machine, it takes about one hour for the 40 analyses to be made.

Another advantage of the auto analyzer is that it eliminates the washing of test tubes and other containers, which means a saving of money to the institution that owns such a machine. The fluid contain-

ers for the auto analyzer cost a penny each. After the analysis is made, the container is discarded.

The machine makes an analysis by projecting a light through the solution being analyzed. This light strikes, after passing through the fluid, a photoelectric cell, which measures the intensity of color in the solution. This information is then automatically registered on a graph. The information shown on the graph may then be interpreted to tell the concentration of a particular substance of the fluid.

Dr. Spell explains to visitors to the Clinical Chemistry Laboratory that he is not a physician, but a chemist. "We run the chemical tests in this laboratory. Our findings are then reported to the physicians, who are doing the actual treatment of the patients. The medical aspects of our operation here are handled by Dr. Louis G. Welt, professor of medicine of the UNC School of Medicine."

STUDIES GETTING RUGGED?

Try the outlines at the old Intimate. pal. If you're lucky, you can pick up a used copy for chicken-feed, and they really help. When it is books you need, you can't beat The Intimate Bookshop.

Covering The Campus

SYMPOSIUM PROGRAM

There will be an important meeting of the Symposium Program Committee Monday at 4 p.m. in the Di Hall on the 4th floor of New West.

WESLEY FOUNDATION

Wesley's Sunday activities include the regular Sunday morning seminar at 9:30 a.m. and the Sunday evening supper at 5:45 p.m. The speaker at the supper will be Jack Itoh. The meeting will be held in the basement of the University Methodist Church.

SUGGESTION BOX

The senior class suggestion box will be in the Y building until Sat-

urday. All seniors have been asked to put their suggestions in the box.

NEWMAN CLUB

The Newman Club will meet Sunday night at 5:30 for supper. The supper will be followed by an open discussion.

LUTHERAN STUDENT ASSOC.

The Lutheran Student Association and the Student Couple's Club will hold a joint pizza supper in the basement of the Holy Trinity Lutheran Church Sunday at 6 p.m.

John Hallowell, professor of political science at Duke University, will speak on "Christianity and

Communism."

Hallowell's talk will begin at 7 p.m. and all persons interested in attending have been invited.

IF YOU'RE LOOKING FOR

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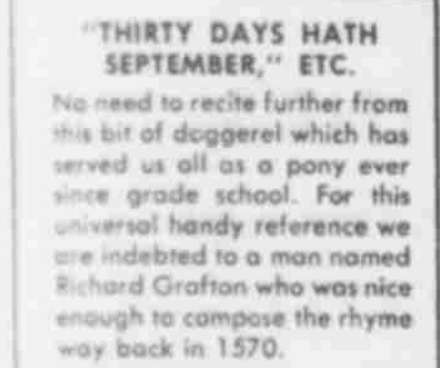
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WHO SAID IT FIRST?

A column of incidental intelligence by Jockey brand



"LOVE IS BLIND"
Next to the Bible, Shakespeare is the richest source of common quotes. It's his responsibility for this one, too. See his "Merchant of Venice," Act II, Scene 6:
"But love is blind, and lovers cannot see
The petty follies that themselves commit."



"THIRTY DAYS HATH SEPTEMBER," ETC.

No need to recite further from this bit of doggerel which has served us all as a pony ever since grade school. For this universal handy reference we are indebted to a man named Richard Grafton who was nice enough to compose the rhyme way back in 1570.

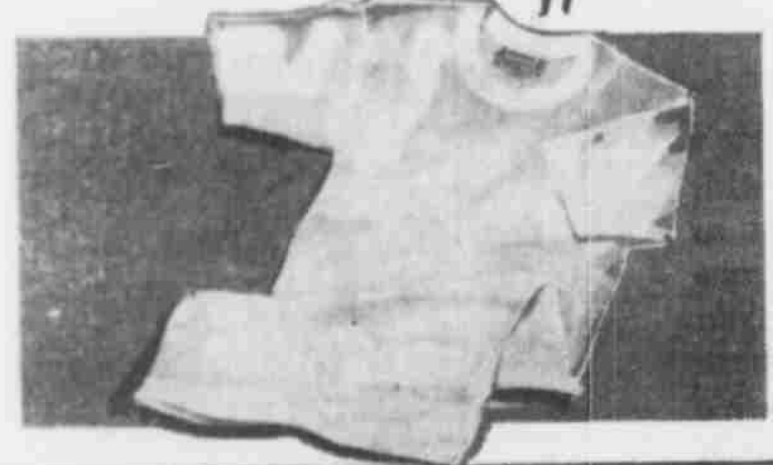


"PUT IT IN YOUR PIPE"
No, Sir Walter Raleigh didn't originate this smoker's challenge. It was R. H. Barham, in "The Lay of St. Collie":
"For this you're my word,
and I never yet broke it,
So put that in your pipe,
My Lord Otto, and smoke it."

Jockey T-Shirts

The most respected, creative name in underwear is Jockey brand. It stands to reason, then, that Jockey brand T-shirts are unmatched for quality as well as styling. You can choose from standard T-shirt, "super-tee" shirt, sleeveless t-shirt, and V-neck T-shirt models. Every man needs a drawer full of T-shirts—and the label to look for is Jockey brand. Let it guide you to the world's finest underwear.

fashioned by the house of Cooper



Theater To Be Scene Of GBS Talk

Sunday night will be Shaw-Henderson Night at the Varsity Theater here.

The event is connected with the opening of "The Doctor's Dilemma," a movie based on a play written 50 years ago by George Bernard Shaw. Dr. Archibald Henderson of UNC, a personal friend of Shaw and his only official biographer, will make a short speech at 7 p.m. before the first evening showing of the film. Dr. R. B. House, chancellor emeritus, will introduce the speaker.

Henderson, said to know more about Shaw than any man alive, has seen an excerpt from the film, according to Andy Gutierrez, manager of the Varsity Theater, and was said to be impressed. Reviewers have called the film a beautiful work of art.

The film, a comedy, is in color and stars Leslie Caron, Dirk Bogarde, Alastair Sim and Robert Morley. It opens Sunday for a week's run.

Presbyterian Center Sponsors Film Series

An eight Academy award winning film will be shown during the first of a series of programs sponsored by the Campus Life Committee of the Presbyterian Center.

The film, "On the Waterfront," will be substituted Sunday at 8 p.m. in Carroll Hall for "Citizen Kane" as had been previously announced.

After the film, a discussion on sociological, philosophical and theological questions brought out by "On the Waterfront" will be led by Jim Carse and Dr. Russell Graves.

One other film will be shown this semester on the committee's series (the Film Forum), but the program will be expanded next fall. After each film, persons familiar with questions raised by the picture will lead student discussion.

Carse and Graves, who will lead Sunday night's discussion, represent the fields of religion and drama. Carse is a member of the local Y staff and Graves is a visiting professor in the Dramatic Arts Department.

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Do You Think for Yourself? (TAKE THIS TEST AND FIND OUT!*)

- Does it bother you to admit that you haven't read a very popular book? YES NO
- Do you think there are degrees of cheating in a game or examination? YES NO
- Are there certain foods you feel sure you'd dislike without having ever tried them? YES NO
- Would you be seriously concerned to read in your horoscope that catastrophe would befall you tomorrow? YES NO
- Do you often fall short of cash several days before your pay or allowance is scheduled to come through? YES NO
- When you're driving, do you like to be first getting away from a stop light about to change? YES NO
- Would you be reluctant to learn a new sport in the presence of friends who were experts? YES NO
- Have you found it to be personally true that "a man's best friend is his dog"? YES NO

9. Do you believe your choice of a filter cigarette should be based on hearsay? YES NO

If you're the kind of person who thinks for yourself, then choosing a cigarette will be based on a careful study of the facts—not on quick decisions.

Men and women who think for themselves usually smoke VICEROY. Their good judgment tells them there's only one cigarette with a thinking man's filter and a smoking man's taste. And that cigarette is VICEROY.

*If you've answered "NO" to eight out of the nine questions above, you really think for yourself!



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DAILY CROSSWORD

ACROSS

- Cat's cry
- Gun (slang)
- Ireland
- Uprising
- Breakfast food
- Mistake
- "Rock of"
- Merry
- River (It.)
- Music note
- Consume
- Viper
- Streams
- S-shaped molding
- French cheese
- Eskers
- Aquatic mammal
- Accuse
- God of socks
- The aggregate
- Type measure
- Roman numeral
- Pronoun
- Absent
- Trend
- Correct
- Infrequent
- Habit
- Dog's foot
- Flamire

DOWN

- Small rodents

GOBLIAMS
R O W N S E L E C T
R O W N S A L T A R
E N C A N I S A
S A C T S L E D
W E T B L A N K E T S
R A V I S R U S E D
A R H E R O A W
T H I S U S E T R A
Y E L O W R A D I O
H E L O T A L L A Y
N O I S L V E S

Yesterday's Answer
32. Short-billed rail
33. Egyptian god
34. Departed
36. Short sleep
37. Milkfish