

Day Student Doolings

Si! I'm in chemistry lab. as usual. Ye Old Editor just came in and informed me that I had to hand this column in promptly. Now what am I to do in a case like that? Oh well, I didn't want to study chemistry anyway; I'd much rather talk about you.

Poor Bonnie, I wonder what she's gonna' do after "Shiek" leaves. Maybe she can write to her congressman sometime between now and February 9 and get "Uncle Sammie's" permission to go with him. It would be nice, huh, Bonnie?

It's too bad some of our day student boys can't remember the date's names. It kinda' comes in handy when you want to get by the Dean of Women in West Dorm. After last Sunday night I'm sure at least a few of you will take the hint, NO?

Boland is wearing her silver wings now. They tell me "She" made Flight Officer on February 1.

I don't think Jimmie W. appreciated my gossip last time. Should I offer nty apologies? He's still "Studying in West in case you're interested.

Mr. Danielly is doing a lot of night work lately, too. His main center of interest seems to be—oh but that would be telling! Find out for yourselves, why don't you?

I'm mighty proud of our Day Student boys and their basketball team. They've played some mighty fine games. Won most of them, too. The girls aren't bad either, but they have not played enough games yet to know how they are going to turn out. Here comes the good Doctor. Class-ees call. I'd best be gong.

See Ya, Nell.

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Open Forum

BUSINESS DEPARTMENT

Up to the present time we have heard little said in regard to the work that is being accomplished in our department. In fact, we have just been too busy to do any writing for the press. Nevertheless, all our students appear to keep busy, and on the average work is commendable.

Saturday, January 27, Misses Nina Alice Bowmer and Violet Hoffman, teachers, accompanied by some of the secretarial students, went on a trip to Greensboro, N. C., visiting the offices of the Burlington Mills Corporation. The secretarial students were Misses Myrtle Shepard, Marjorie Dickinson, Marie Boge, Prudence Todd, Dell Burkhead, and Mrs. Walter Schwegler; also in company were Miss Erma Ruth Graham, a home economics student, and Miss Kitty Poole of Biscoe, N. C.

Various offices were visited and the students were shown some demonstrations on different types of office machines. Explanations were given informing them of the kind of work done in each office. They had the opportunity to observe actual office work, making more impressive the things they have been discussing in the secretarial office practice class.

The class, as well as the teachers, were much impressed by the fascinating office machinery and all seemed to enjoy the visit very much. Not only did the class note the various types of machines used, but observed the dress of the employees.

Miss Myrtle Shepard, an assistant student in our department, seems to occupy her spare time checking off office papers and doing other office duties. She is also assisting with the laboratory work in secretarial accounting and occasionally teaching a shorthand class.

During the day, typewriters click almost incessantly and much interest is being manifested in the dictaphone work, under the supervision of Miss Violet Hoffman.

More work will be scheduled, provided we are fortunate in getting the bookkeeping machinery recently ordered.

Our department was proud to note that last quarter we had a number of students on the honor roll. In comparison with the total, the percentage was 37, plus. We hope that his good record can be raised this quarter. Students, we will depend on you! We are confident you are capable of doing it!

New students welcomed into our department this quarter were Miss Evelyn Underwood of Burlington and Mrs. Rachel Neese Hopkins, Elon College. Although they entered a few weeks late they are encountering no difficulty with their courses and are doing excellent work.

The past quarter Misses Mary Oakley and Doris Chandler passed the comprehensive examination with good rating. They are doing a fine practice teaching in commerce in Burlington.

In our department we not only stress the materials we teach, the accuracy, neatness, and speed in the work, but we endeavor to teach courtesy and appropriate dress for business employees; and to develop personality traits, build higher ideals and to stress the importance of being thorough.

NINA ALICE BOWMER,
Head of the Business Department.

GRAHAM INVENTS POSTWAR AUTOMOBILE

Bob Graham, ministerial major, has turned something short of being a scientist, having lately built a wooden scale model of what he hopes to have as his postwar automobile.

The model, sealed one inch to the foot, is tear shaped, and features a three wheel drive, the single wheel being in the front and stationary. The rear two wheels are geared for the

Science In The News

By J. W. CLAPP

Under the head of postwar dreaming: A selfcharging portable radio developed by the General Electric company gives the convenience of playing anywhere without the need of frequent battery replacement. This is possible because it contains an airplane-type leak-proof storage battery and a built in battery charger. Outdoors it plays on the energy stored in the battery. Indoors, you simply plug it in your AC house current and it will quickly recharge, either silently or, as you listen to your favorite programs.

The British, who have been examining unexploded V-12 rockets, have recently disclosed some interesting information concerning them. The rocket uses fuel at a tremendous rate consuming in its five minute flight as much as four tons of fuel. This is equivalent to 1,142 gallons of gasoline—as much as eleven "A" ration book holders are allowed in one year. This is as much as a four-engined B-24 Liberator bomber would use on a five hour mission, carrying a two and one-half ton bomb load.

The V-12 reaches a point as high as sixty miles above the earth's surface in its flight. The starting fuels, alcohol and liquid oxygen, with peroxide and permanganate, are pumped into the combustion chamber by pumps and ignited. The rocket takes off on a vertical position under its own power.

After traveling straight up for sixty seconds and clearing most of the earth's atmosphere, the rocket goes under gyroscope control. Changing from a vertical ascent to a forty-five degree angle of flight, the rocket gains more speed in the thin air above the stratosphere. In its descent it reaches a speed of four-thousand-five-hundred miles per hour, according to most recent British estimates. The nose of the rocket has been seen glowing red at night while passing through the air on the way down. Because the speed of the rocket is greater than that of sound, its approach is not heard until after it hits. The bomb usually buries itself deep in the ground before its ton of explosive goes off. The purpose of launching V-12 bombs from high mountains is to be nearer the rarified air above the atmosphere, so that less fuel will be consumed during ascent and longer flights will be possible.

Here in this country, chemical research has brought to light many new things, among them a synthetic rubber from sand. It is a bouncing, putty like type of rubber, which can be pulled as putty but bounces higher than regular rubber when rolled into a ball. Its present uses are for gaskets of superchargers on B-29 bombers and for supporting lenses of searchlights near the big guns. This synthetic rubber (a silicone) is able to stand temperatures of from sixty degrees below zero to five hundred degrees above. This temperature resistance is due largely to the presence of the element silicon in the proper combination with oxygen to form the backbone of the silicone molecule. The most common compounds of silicon and oxygen is ordinary sand. The silicon and oxygen combination in silicone rubber takes the place of carbon in ordinary rubber. So, instead of melting or burning at higher temperatures, as does ordinary rubber, this compound even stands up under fiery, red-metal heat of airplane superchargers, and its resiliency enables it to maintain a tight seal between expanding metals even at this temperature.

steering, as well as for another device, which is Graham's own idea, a banking apparatus, which would reverse the laws of gravity on turns, and put the automobile into a bank much on the order of an airplane, thereby increasing the speed around curves.

The motor is mounted in back of the rear seat of highly streamlined vehicle, and is laid sidewise, cross geared to the rear axle.

The model, not quite a foot in length, reveals that its prototype will not be large, and is equipped with all details, even to working steering rods, springs, etc. The car body was turned out of wood on a lathe by Graham.

YOUTH STEPS IN

By GENE "I. D. CLARE" POE

Why is it, I ask you, that Editors and Columnists and things like that so often say "we" when they really mean I?

Now I use "I" a lot—being blessed (?) with a warped sense of humor which goes galloping off in the most unexpected directions and leading me into spots where angels fear to tread. I find that it is a safer subject than "You." "I" can say what I please about me and no one offers any objection except maybe to snort politely that no wonder the letter "I" is so worn out it couldn't be used in the ration books, for it is just such I-rational people have caused "it."

Now to campus events. About a week or so ago Brother Whately, Bill Clapp, and I went swimming. The water was fine and we had a most enjoyable time. Before you get any rash ideas about where and why we went swimming guess we'd better tell you it was at the Y. M. C. A. in G'boro. Sure would be fine to have a pool, inside, of course, around here.

Seems that the Burlington boys kinda like this place around here on Sunday nights. Guess there must have been twenty-five or thirty visitors on campus last week-end. It seems Ann Strader got hold of one for herself, too.

Who had the nerve to tinker with the sirene the other night? Some ambitious somebody proceeded to have it blow at 10, 2 and 4 to have people going to breakfast just like some people drink their Dr. Peppers.

Ralph Neighbors is some character. More than that, he is some actor. Don't suppose anyone could be so well in step with the scene as he is in the on coming production, "Out of the Frying Pan."

Wonder if Wallace Owen is doing the women justice these days? There seem to be plenty of the more beautiful coeds with their eyes on him. Give them a break, Wallace.

Merit Foushee was back on campus this week. We heard it rumored he was speculating on a date with Frances Pegram. He still measures up to his old traditions.

"Casey" Jones goes for the soft drinks. Think we're kidding? Ask him what he needed that quart of milk for the other day.

Now to get over in the music once again. From the Holt Humphrey publicity agency for Dean Hudson we see that he is making a tour of the southern states and playing at many of the colleges and universities as he goes.

Carl White, Lorraine Waugh, Lem Allen and Charlotte Wilson went to Greensboro to hear him when he was in this section. Hudson is quite a fellow to know. Some of you remember the two days he was in Burlington last year and he entertained for us at the close of each show. A play by play description of that affair is a tale that shouldn't be told twice.

From Steve Hannagan we learn that Dick Haymes has about 25,000 more copies of his life that all you girls might find interesting. Just drop him a card.

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