

The Review

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University to Offer Extension Courses During Next Term

Classes to Be Held In Wilmington and Newark

A large number of graduate courses will be offered by the University of Delaware during the coming semester through the Division of Extension, it was announced by Dr. C. J. Rees, head of the Division of Graduate Study. These courses, which begin the first week in February, will be given at various centers in the State, but chiefly in Wilmington and in Newark. Registration for all Wilmington extension courses will be held the evening of January 30th in the Wilmington High School. Any Wilmingtonian for whom it is more convenient may register at this same time and place for courses being offered in Newark. For all others registration for the Newark courses may be made from 9:00-11:30 a.m. in Room 200 at University Hall during the week of February 3-8.

Among the courses to be provided through the Department of Physics is **Physical Instrumentation for Chemists and Engineers**, which will be given by Mr. V. F. Hanson, Manager of the Applied Physics Section of the Engineering Research Laboratories, of the DuPont Company. Assisting Mr. Hanson will be eight other scientists from the Research Laboratories, who will lecture on their specialties. Mr. C. M. Albright and Dr. R. J. Hunn will present electronic applications, high frequency techniques and superconductivity; Mr. L. G. Glasser will give work in calorimetry and Mr. W. T. E. Elmendorf will be in charge of work in electronic circuits for measurements and controls; Mr. P. C. Hoell and Mr. J. M. Morris will lecture on instrumentation and electronic applications; Mr. P. D. Freil will provide the material on optical applications, and Mr. C. O. Baldwin will lecture on electronic instruments. Mr. Hanson will unify the material of the course and present topics on stress in electrical measurements, calorimetry and spectroscopy.

One of the courses to be given in the Department of Chemical Engineering is **Heat Exchange Design**, to

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Aggies and Home Ecs Discuss Dance

Dr. Hueberger Discusses Fields of Agriculture

The Agriculture Club met in Old College lounge Thursday, January 9. A dance sponsored jointly by the Agriculture Club and the Economics Club was the subject of discussion during the business meeting. The time, place and type of dance will be announced later.

Following the business discussion, President Esham turned the meeting over to Pete Drobick, program chairman. Pete introduced the speakers of the evening. Dr. Hueberger gave a short talk on the many opportunities that are now being offered in the fields of Entomology and Plant Pathology. He also briefly outlined what courses the University of Delaware Agricultural School had to offer that would fulfill the requirements for a degree in those two studies.

A motion picture of the life history of Brucellosis, a cattle disease, was shown following Dr. Hueberger's talk. Dr. Palmer spoke on the effects of the disease in the United States, and gave some interesting highlights of the disease not brought out in the picture.

Now that the Agricultural Club is in full swing again it is hoped that 100 per cent of the Agricultural Students will turn out for the next meeting.

Advanced R.O.T.C. Students Get Paid

Officer-Type Uniforms To Be Issued to Basics

The R. O. T. C. has just taken a decided turn for the better. Although rather slow at first due to the new administration, the military department is now functioning effectively, and progress is being made toward several objectives.

Since last November, the nine participants of the advanced R. O. T. C. program have been on the payroll and are receiving a monthly check for \$20.46. The M1 rifle, otherwise known as the Garand automatic, will be issued next term for drill; and all uniforms now in use will soon be replaced by officer-type uniforms. Also a Bofors remote control anti-aircraft 40-mm. gun has been recently secured.

The R. O. T. C. department is still anxious to have rifle competition. The rifle team has received numerous challenges which could not be accepted due to the lack of space for a rifle range. It is expected that this space will be provided soon, and that an excellent rifle team will soon be fielded.

Col. Duenner Given Alumni Award

U of D Health Director Cited for Service in War

Colonel Robert H. Duenner, Director of Student Health at the University of Delaware, has been given the George Washington University Alumni Achievement Award, in recognition of his services in the Armed Forces of the United States during World War II.

The Award was made by Chester W. Holmes, President of the Alumni Association, at the 125th Annual Commencement of George Washington University. It was presented upon the recommendation of the General Alumni Association to a selected number of graduates for their professional achievement coupled with their service to the University.

Dr. Duenner was retired from the Regular Army last fall, after more than 34 years of service. He entered the Army Medical Corps immediately upon completion of the internship which followed his graduation from the George Washington University School of Medicine.

In April, 1946, Col. Duenner was the recipient of the Army Commendation Ribbon for his distinguished service as Surgeon at Fort Sam Houston, Tex. In that same month his group was awarded the Meritorious Service Unit Plaque.

From Fort Sam Houston Dr. Duenner came to the University of Delaware late last fall to take charge of the greatly-expanded Student Health Center. He and Mrs. Duenner are residing temporarily at 186 S. College Ave., Newark, Del.

Dr. Duenner was born in Knoxville, Tenn., where a sister, Mrs. William Q. Johnson, still lives. Mrs. Duenner is a native of Louisville, Ky.

Sussex Hall Has Recreation Hour

The girls of Sussex Hall enjoyed a half hour of music and refreshments, sponsored by Miss Fredrick the housemother, in the dormitory last Thursday evening, Jan. 9. The recording of Brahms' Fourth Symphony was the selection for the evening.

The idea of a musicale in the dormitory is different and very enjoyable, and it is hoped that it can be repeated often.

E. P. Hanson Gives Talk on Untouched African Frontiers

On Jan. 9, at the Thursday morning College Hour, Dr. Carlson presented his former colleague, the noted explorer, Earl Parker Hanson.

Mr. Hanson presented an informative and stimulating discussion of the potentialities of the untouched frontiers in tropical America and Africa.

In 1938 the International Conference of Geographers at Amsterdam finally dealt the death blow scientifically to the oft-cited theory of the debilitating effects of tropical climate on members of the white race. The Geographers based their conclusions on recent highly successful attempts at colonizing tropical areas by the Australian government. In 1907 Australia deported the Asiatic colored laborers, leaving the northern Commonwealth of Queensland with a serious labor shortage. Since that date the Australian government has successfully replaced these plantation workers with white laborers from the more temperate portions of the continent. So successfully have they attacked the problems of tropical deterioration and disease, that today Queensland is the healthiest portion of Australia.

Mr. Hanson outlined several State Department decisions concerning international trade. These decisions are based upon the conviction that in order to maintain and improve our present standard of living, the United States must gain new markets. One of the methods of gaining new markets is to help raise the standard of living of backward peoples, thus increasing their demands and their abilities to buy more goods. By helping these people the State Department hopes to capture the potential markets for American business and to prevent the infiltration of Communism.

Mr. Hanson led one such expedition to the back-country of Siberia, and in addition to having some remarkable experiences, was able to successfully introduce improved agricultural methods to the natives.

Mr. Hanson believes that most undeveloped tropical areas such as the Amazon Basin will prove to be frontiers in a new age of American pioneering.

King Quintet Gives Music Recital

Featuring 16th Century Music, a Brass Quintet, composed of U. of D. band members, played in recital Wednesday night, Jan. 15th, for the University Women's Group, Newark.

The following unusual and seldom heard compositions were performed:

Two Pavans Melchior Franck
Honie-Suckle Anthony Holborne
March and Gavotte George Frederick Handel
Intrade, Sarabande and Bal Johann Pezel

Members of the quintet are: Trumpets, Bob Muhler and Peggy Munoz; trombones, Gordon St. Mary and Bob Walls; tuba, Al Greenstein.

This combination, one rarely heard in the music world, was organized and trained by the music department's J. R. King, talented and youthful conductor of the Band and Orchestra.

Commenting on this type of music Mr. King said: "This type of music is known as 'Tower Music'. Its name originated from the fact that it was played from the Tower of the walls surrounding the 16th Century German Cities. The groups playing this music were street musicians and, like other artisans of the period, had their own guild. One of the favorite times for playing this restful music was the early evening hours."

Candlelight, Wodehouse Comedy, To Be Presented by Wilm. Drama League

Alumnae Assoc. To Welcome Seniors

Women Seniors of the University of Delaware will be given an informal reception on Monday, January 20th, from 5-6 p. m. in Warner Hall. The reception will be given by the Alumnae Association in order to welcome the seniors as prospective members of the association, which is composed of women graduates of the University.

Visiting members of the Alumnae will be present at the reception, along with several members of the University faculty. The women members of the Student Government Association have also been invited to attend.

Warner Hall will be decorated for the occasion by a committee headed by Florence Cranston Clements. Refreshments will be served by Miriam Lewis and her committee during the course of the reception.

Housing Allotment Discussed by AVC

The second meeting of the Newark Memorial Chapter of the American Veterans Committee was held on Tuesday, January 7, at No. 3 New Street, in Newark. Robert H. Levine, chairman, officiated.

The discussion centered around the lack of housing facilities for student veterans in Newark, and suggestions were entertained for the remedying of the situation. The members also discussed the present action of the A.V.C. college chapters throughout the country in their campaign to raise the subsistence allowance of student veterans, and made plans for a similar campaign at this college.

The following committees were appointed, and the meeting was adjourned:

Housing Committee: Sol Sitzer, chairman, Bob Levine, and Gil Workman.

Membership: Bob Mueller, chairman, John Schmidhauser and Tom Sanford.

Publicity: Dan Bloch, Ann Fogelman and Ed Golin.

Registration Dates To Be February 4-5

The registrars office has announced that pre-registration for all students must be completed by January 18th. The announcement said that it was the responsibility of each student to contact his adviser and plan his course of study for the spring term. Due to the great number of underclassmen matriculated at the present time no exceptions will be made to this rule.

Registration for the spring semester will be held on February 4th and 5th. In order to avoid confusion, the entire student body will register in the Field House. A notice will be sent to each student by the Dean of his respective school stating the day and hour on which he should register. The hours have been staggered in order to reduce congestion as far as possible.

It was re-emphasized that pre-registration must be completed by January 18th, and that each student must register at the proper time.

All Students Attention

The completed questionnaire for the yearbook must be turned in not later than January 23, 1947, if you wish to be represented in the BLUE HEN.

Will Be Given January 21 Hamilton, Cairns to Star

The Wilmington Drama League will present P. G. Wodehouse's rollicking comedy **Candlelight** in Mitchell Hall at 8:15 on January 21, as the guests of the University of Delaware E 52 Players.

This marks the first time that the Wilmington Drama League has brought a full-length play to the campus, although it has contributed a number of one-act plays to Festival and Playbill programs. This guest appearance is the first in a planned series of exchange programs to be offered by community theatre groups and the University.

Charles Culp has directed this three-act comedy, which made its Broadway debut in 1927, starring Gertrude Lawrence and Leslie Howard and achieving a run of almost two years. Leading roles in the Drama League production will be taken by William H. Hamilton as Josef, Katharine K. Cairns as Marie and Victor Esker as Prince Rudolph.

Bill Hamilton made his first appearance with the Wilmington Drama League in the production **Boy Meets Girl**, in which he played the role of J. Carlyle Benson, one of the Hollywood script writers who contributed to the hilarity of the comedy.

Katharine Cairns will be remembered for her portrayals in **You Can't Take It With You** and in **The Man Who Married a Dumb Wife**.

Victor Esker offered perhaps his best work as the sagacious doctor in **The Guardsman** and as the mad husband in **Angel Street**.

Other members of the cast include: Chauffeur, Joseph Patterson; Liseri, Rebecca Moore; Baron von Rischenheim, Robert V. Burdick; Waiter, David Golding; and Baroness von Rischenheim, Ann Corlotta.

U. of D. to Sponsor Dramatic Clinic

Clinic Will Eventually Aid All Schools of State

Invitations have been sent by the University of Delaware Dramatic Center to superintendents of schools in Sussex County to send one or more faculty representatives to the Sussex County Drama Clinic, to be held at the Georgetown High School from 4:00-9:00 p. m., on Wednesday, January 22.

The purpose of this newly-organized clinic, according to Dr. C. R. Kase, Director of the Dramatic Center, is to discuss the problems of the individual schools in connection with their dramatic programs, to discover ways in which the University Dramatic Center might be of more use to the schools, and to assist in the organization of the Sussex County Tournament in the Fifth Dramatic Festival, to be held in the spring.

The Sussex County Drama Clinic is the first of three such county clinics to be organized in the State. New Castle and Kent County groups will meet in the near future.

The Clinic aims to supplement the annual Dramatic Conference held at the University by providing greater opportunity for the consideration of individual problems and the exchange of information.

Dr. Kase, accompanied by one or more high school directors from other parts of the state, plans to attend the Georgetown meeting.



S P O R T S



UGH!



Photo by Adele Nurock
Gritting his teeth Reds Tawes remains steady despite the force of Golego of F. and M. in the inter-collegiate wrestling bout of last Saturday.

Delaware Defeated By F&M Diplomats In Wrestling Meet

Hens to Meet Gallaudet Away on Sat., January 18

Saturday evening the grappling Blue Hens, trying for their second straight victory of the infant season, ran headlong into the powerful Diplomats from Franklin and Marshall and were thoroughly defeated by a score of 33-3. The meet, held in the Field House, was a preliminary to the basketball game with Drexel's Dragons.

Captain Bob Carter prevented a whitewash by defeating F. & M.'s Captain Coddington on points in the 136 pound bracket. The Hens, in addition to being flattened in four classes, were forced to forfeit in the 128 and 165 pound divisions. Dane Scott put up a valiant battle in the 155 pound class before losing on points to the Diplomats' Wendell.

The Hens will meet Gallaudet Saturday, January 18th, in a tangling session on the latter's home grounds. Following this they will remain idle until after the start of the new term, when the Leopards of Lafayette will be met in another away match.

Summaries of Saturday's meet:
121 pounds—Balmer, F. & M., defeated Stan Bazela, Delaware, fall.
128 pounds—Helf, F. & M., won by forfeit.
136 pounds—Captain Bob Carter, Delaware, defeated Captain Coddington, F. & M., on points.
145 pounds—Golego, F. & M., defeated Bill (Red) Tawes, Delaware, fall.
155 pounds—Wendell, F. & M., defeated Dave Scott, Delaware, on points.
165 pounds—Gross, F. & M., won by forfeit.
175 pounds—Graybill, F. & M., defeated Gordon Pirnie, Delaware, fall.
Unlimited—Tikner, F. & M., defeated "Mouse" Defino, Delaware, fall.

In the Hen House

By SCOTTY MURDOCK

The court season is nearing for the women in the lower campus. At the close of the volleyball contests, basketball will begin immediately and soon the sports-minded women will be immersed in hard-working practices and inter-class struggles. Basketball, the favorite of the nation, has been the most popular sport in the past with the women at Delaware, arousing more interest than hockey, softball, soccer, and any of the other games.

Surrounding Delaware schools usually focus all attention on the game while other sports, hockey, etc., are sidelined. As the result of this interest, many hoopsters will be expected to turn out for the season. Notice of the opening practices will be announced in this column shortly.

Betty Gam, a winner of the 300 point letter at P. S. du Pont high school in 1943, has been an outstanding participant in sports in her college life at the U. of D. She had adequate background for her participation in college athletics, since playing on the tennis, badminton, and ping-pong varsity

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In the Spotlight

It is with no illusions that we declare Billy Cole, football, baseball, and basketball letterman, the greatest all-around athlete to ever adorn the campus of the University of Delaware. A thorough search thru the annals of the athletic history of our Alma Mater reveals no individual who could match the skill and spirit which has been vested in the diminutive P. S. du Pont High School expatriate.

It is difficult to judge in which sport the ex-Army Air Corps pilot excels. His performances at Delaware have only duplicated a star-studded grid, diamond, and court career at the Wilmington school. A memorable 90-yard runback, in 1941, in the annual duPont-Wilmington High classic climaxed three years of football under the tutelage of Rea McGraw, Dynamiter mentor. His size, while making him the fans' natural favorite, was little help when his talents were transferred to the basketball boards. However, his speed and aggressiveness made him one of the best hoopsters to emanate from the school which has produced some of the finest courtmen in this section of the country. Also, his uncanny base-running ability and a better-than-fair batting eye make him a strong contender for laurels in the national pastime both in high school and in the Delaware State Semi-pro loop. His flawless fielding around the keystone sack is nothing short of astounding, and will provide thrills aplenty for baseball followers in 1947.

Matriculating to the Newark campus in the fall of 1942 saw the diminutive scabbard quickly earn a berth on Coach Murray's undefeated grid juggernaut. With the close of the football campaign, Cole donned the garb of a Blue and Gold basketball player and proceeded to win a starting berth on the Mason-Dixon Conference runner-up five of 1943. Spring found Wee Willie once more in the familiar slot at second base on Shack Martin's Hen nine.

However, following the trend of the times, "Beely" traded mufti for khaki, and proceeded to earn his wings as a sky-driver in Uncle Sam's AAF. He returned almost three years later to once more assume his leading role in Delaware's sports panorama.

The key to Cole's success is not only athletics but in anything he has yet attempted is his keen competitive spirit and his eagerness to improve himself. It would seem that his extra-curricular activities would limit his scholastic endeavors, but here again the sun shines bright and the name William Cole has become a regular fixture on the Dean's List. A science major, Billy is a Junior.

With the passing of time and the indomitable spirit constantly driving him to improve the already Frank Merriwell-like abilities of our hero, the "Cole Era" at Delaware will not soon be forgotten.

Hen Tankmen Bow To La Salle 55-20

Two Pool Records Tumble Grier Wins Diving Event

LaSalle College's swimming Explorers whipped into Taylor Gym last Saturday afternoon, churned the waters of the tank for an hour, and left for Philadelphia with a 55-20 victory over the Blue Hens under their belts. As expected, Joe Verdeur and Jack Lumsden, Explorers aces, performed brilliantly in leading their team to its decisive victory. Verdeur smashed the pool record in the 220 yard freestyle by roaring over the distance in 2:16.8, which eradicated the old mark of 2:20.5 set by Spence of Rutgers in 1934. Later he came back and shattered another longstanding mark in the 440 yard freestyle by coming across the line in 5:03.6. This lowered by 7.6 seconds the pool record hung up in 1939 by Monihan of Delaware. Lumsden made a poor turn in the 50 yard freestyle and did not place, but swam an anchor leg on the 400 yard relay that was little short of poetry in motion.

Bauduy Grier, Bob Bush, John Bishop and Bob Cofer shone for the Hens in defeat. Grier copped top diving honors with Bush doing likewise in the 150 yard backstroke. Bishop took a second place in the 50 yard freestyle just ahead of Cofer, who also drove home in second place in the 100 yard free.

The meet scheduled for this Saturday in Taylor Gym with Gettysburg has been postponed due to a severe fire which damaged the latter's gymnasium. Coach Rawstrum hopes to find another team to fill in this date.

Last Saturday's summaries:

300 yard medley—Won by LaSalle (Shaw, Geisz, Furlong); second, Delaware (Kelleher, Crumlish, Heyd). Time 3:13.7.
220 yard freestyle—Won by Verdeur, LaSalle; second, Doherty, LaSalle; third, Baird, Delaware. Time 2:16.8 (new pool record).
50 yard freestyle—Won by Jones, LaSalle; second, Bishop, Delaware. Time 2:16.
Diving—Won by Grier, Delaware (80.7); second, Gehlhaus, LaSalle (72.2); third, Flack, LaSalle (69.3).
100 yard freestyle—Won by Wahl, LaSalle; second, Cofer, Delaware; third, McCracken, LaSalle. Time 56.8.
150 yard backstroke—Won by Bush, Delaware; second, Webb, LaSalle; third, McCracken, LaSalle. Time 1:47.2.
200 yard breaststroke—Won by Jones, LaSalle; second, Geisz, LaSalle; third, Dougherty, Delaware. Time 2:38.2.
440 yard freestyle—Won by Verdeur, LaSalle; second, Lentzsch, LaSalle; third, Heyd, Delaware. Time 5:03.6 (new pool record).
400 yard relay—Won by LaSalle (Shaw, Doherty, Wahl, Lumsden); second, Delaware (Cofer, Bush, Baird, Campbell). Time 3:47.6.

Blue Hen Quintet Takes Thriller From Drexel Tech in Dying Seconds of Game

HEN CHATTER

By DICK KIDDOO

With twin victories over Washington College and Drexel Tech, Coach Joe Brunansky's varsity Passers are finally living up to pre-season expectations. We think the combination of Bill Cole, Captain Jerry Bowlus, Vic Wood, Bill Nash, and Jim McFadden, with Jules Hoffstein, a dependable climax player, as the vital sixth man in the machine, will bring one of the best seasons among the sadly under-emphasized Blue and Gold basketball teams of the past decade.

Material already available on the campus would put Delaware on the basketball map if the cage game were granted the same grace which has produced the Murray grid combines. Simply because we maintain a first-rate football team is no reason to reduce the court game to the level of a minor sport. Schools producing Grade A court aggregations begin serious drills with the opening of the fall semester of classes, while here amidst our tight-fisted administration the team cannot commence practice sessions until the basketball coach is freed from duties with the football team, or about December 1.

This year, to top it all off, the coach has necessarily devoted his time before the holidays to scouting and preparing the football team for the Bowl Game. With his spare moments—in the evening—he was expected to assemble a winning team. The loss of the first contest then subjected both players and coach to scathing blasts from students and so-called Hen fans. We think this show of poor sportsmanship and sheer stupidity is the blackest mark in the athletic picture at Delaware which we have had the misfortune to contact. The fact that the Blue and Gold Basketball players have won their last two games is a more than fitting tribute to the abilities and determination of both players and Coach Joe Brunansky. It seems to us that a full schedule (not 16 games), a training table, and a new deal in general is in order for the nation's favorite sport.

Our heartfelt sympathy goes out to Coaches Shack Martin and Harry Rawstrum, whose lots as mentors of the wrestling and swimming teams these days leaves much to be desired. The breaks have all been

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Cole Sinks Foul Shot To Provide 1 Point Victory

With Billy Cole providing a story book ending, the University of Delaware basketball team tripped a hard-fighting Drexel Tech five last Saturday night in the Field House 38-37. The win was the second in the first three starts of the season.

While Captain Jerry Bowlus was hampered by a pulled muscle sustained in pre-game drills and was forced to retire in the fourth period, Bill Nash and Jim McFadden paced the Blue Hens through the first three periods but the sharpshooting and tight defensive play of the visitors kept them ahead of the Brunansky men throughout the better part of the play. However, a final spurt gave the locals a one-point margin with less than a minute to play. A foul against Bill Schwal, Dragon guard, brought the crowd to its feet and when he converted the penalty toss the hearts of the some 1000 odd fans were nigh on to falling. However, a last minute foul on Billy Cole provided the tiny forward with an opportunity to either become the hero or goat of the day. Cole dropped the foul with just ten seconds remaining and the contest was saved.

Jim McFadden provided 13 counters for the Hen cause, several times keeping the Blue and Gold passers within reach of the pace-setting Philadelphians. Bill "Knacker" Nash accounted for four field goals and two fouls to aggregate ten points while Fred Kollar, ace Dragon forward, garnered 13 points to take honors among the losers.

Saturday the Blue Hens will tangle with Johns Hopkins University at 8:00 p. m. in the Field House while the Junior Varsity faces the Wilmington Y. M. C. A. quintet in a preliminary at 7 p. m.

Roy Rylander's gymnasts provided an excellent exhibition of parallel bar work between the halves of the Drexel game. It is interesting to note that many of those participating in the half-time fete are new to apparatus work this year and Coach Rylander merits a round of applause for his brilliant work.

DELAWARE				DREXEL			
	G.	F.	P.		G.	F.	P.
Bowlus, f	0	0	0	Kollar, f	5	3	13
N. Duncan, f	1	0	2	Parment, f	1	0	2
Loomis, f	0	0	0	DeStefano, f	0	0	0
Cole, f	2	2	6	Savchak, c	4	1	9
Hoffstein, f	0	1	1	Bednarik, c	0	0	0
Wood, c	3	0	6	Styers, g	1	1	3
Zink, c	0	0	0	Platt, g	0	0	0
McFadden, g	4	5	13	Rosenfeld, g	3	1	7
Selby, g	0	0	0	Schwab, g	1	1	3
Nash, g	4	2	10				
Wright, g	0	0	0				
Totals	14	10	38	Totals	15	7	37
Officials:	Boyer and Rankin.						

TWO POINTS COMING UP



Photo by Charles Hill
Vic Wood sinks a two-pointer for Delaware in close battle with Drexel.

80 Potential Skiers Anxious for Snow

Doc Singer's Proteges To Begin on Local Slopes

Mr. Paul Singer has announced that better than 80 people have answered his call for prospective skiers. Interest from the faculty as well as the student body was registered.

Following an organizational meeting on Thursday, the group, after gaining financial support, will plan trips to skiing hills around Newark and Wilmington. After acquiring the necessary skill, trips will be taken to the Pocono Mountains. These trips will be varied in length so as to accommodate the most people. Short trips can be taken on Sundays with longer trips possible if the group leaves on Saturday afternoon. An even longer trip will be possible during the vacation between terms.

Only twelve of those who have signed up own skills at the present time. Realizing the limited budget with which the average student is faced, Mr. Singer has hopes of obtaining financial support from sports loving friends of the University.

Delaware Foreign Study Plan Resumed Includes 11 Months' Study in Geneva

Knowledge of French Is Required for Eligibility

The University of Delaware has achieved renown throughout the country for something other than her football team although few students on this campus are aware of it. It is the Delaware Foreign Study Plan which sends deserving juniors abroad to study each year that will actually constitute a more lasting fame for this University than any of her athletic victories because of its intercollegiate, and even more important, international character.

The Junior Year Abroad Plan was originated in 1919 by the late Raymond W. Kirkbride, and was adopted by the faculty of the University of Delaware in 1923. It provides for one year's supervised study abroad for undergraduate students with full credit toward the American baccalaureate degree. The Delaware plan was in continuous operation in France from 1923-1939. It extended to Germany in 1932 but the University of Delaware later withdrew sponsorship of work in that country owing to political conditions. This year students will only be sent to Geneva.

At the request of many colleges, the Delaware Committee agreed to consider application for membership in its Foreign Study Groups from properly qualified students of any accredited college. During the sixteen years that the Foreign Study Plan operated in France prior to the recent war, 123 American colleges and universities participated by sending 768 students to France for undergraduate study under the direction of the University of Delaware.

There are numerous advantages in this year abroad for any student interested in French. The postwar emphasis upon the practical command of foreign languages, the increasing need for men and women trained for service in international organizations, and the economy of a year in which foreign residence is combined with undergraduate study certainly presents cogent arguments for student adoption of the Plan. From a wider point of view the desirable results of this plan include a reservoir of college men and women having a good

knowledge of the languages and customs of foreign countries who may find positions in the business world or government jobs, the number of college graduates qualified to teach foreign languages in our schools will be greatly increased, solid foundations will be made for postgraduate courses, the individual's point of view will be broadened by the experience, and through all these will ultimately come a significant advance in our knowledge of other nations and our sympathy with their problems. It is hoped this will exert a real influence upon the attainment of international understanding and good will.

The Junior year in Geneva is of approximately eleven months' duration, including a preparation term of intensive study of French. During the winter and summer the Delaware students are offered at the University of Geneva a varied program of special and regular courses suitable to their needs. Placed in carefully selected homes for their stay in Geneva, students speak the French language and gain considerable knowledge of family life. An interesting social life is also offered through a series of operas, concerts, and plays, as well as short trips to Lake Geneva and three long vacation trips. In the winter there is skiing, skating, or coasting; and there is bicycling, swimming, canoeing, and boating in the summer. There are also many tennis courts in Geneva. In fact, there are few places in the world where the student has greater opportunity for enjoying indescribable natural beauty and at the same time every kind of outdoor sport in company with comrades who have made out-of-door life an art.

The Foreign Study Plan is open to both men and women in regular standing in any college or university on the accredited list of the Association of American Universities. Candidates for admission must have had as preparation in French, at least two years in preparatory school and two in college, or the equivalent. For further information as to qualifications, fees, and other details, bulletins on the Junior Year in Geneva may be secured from the Foreign Study office in University Hall.

**PATRONIZE YOUR
ADVERTISERS**

Extension Courses

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be given by Dr. A. C. Mueller, a Group Supervisor in the Engineering Research Laboratory of the du Pont de Nemours Company. Studies will be made of the application of the principles of heat transfer to the design of shell-and-tube exchangers, double pipe exchangers, extended surface, calandrias, condensers, and partial condensers. Dr. Mueller has arranged for special lectures by Professor W. H. McAdams of the Massachusetts Institute of Technology, Dr. Paul Trumpler of the Kellogg Company, Mr. C. C. Lockhart of the Du Pont Company and Mr. A. Wurster of the Andale Company.

Dr. George Murphy, a new member of the faculty in the School of Education will give a course in Teaching Reading and Literature. Dr. Murphy, who received his doctorate from Stanford University, is an experienced teacher in both secondary schools and in college. During the war, he served in an educational capacity with the armed services.

Dr. Halsey McPhee, who in September was appointed head of the Department of Psychology, will offer a course in Abnormal Psychology, which is designed to be particularly helpful to personnel workers. Dr. McPhee spent the war years assigned to the Neuro-psychiatric Division of the Medical Department of the Navy and served as Senior Psychologist at the Great Lakes Naval Training Center. Prior to the war, Dr. McPhee had been a member of the faculty at the University of North Carolina and later of Bucknell University.

A complete list of courses to be given through the Division of Extension will be announced at a later date by Dr. W. Earl Armstrong, Head of the Division.

Course Symbol	Title	Instructor	Location
C 560	Advanced Organic Chem.	Dr. Mosher	Wilm.
C 558	Advanced Physical Chem.	Dr. Lynch	Wilm.
ChE 562	Heat Exchange Design	Dr. Mueller	Wilm.
ChE 526	Chemical Engineering Thermodynamics	Dr. Wohl	Wilm.
D 431	Direction of Theatre Pro.	Dr. Kase	Wilm.
E 400	Contemporary	Dr. Able	Wilm.
Ed 346	Teaching Reading and Lit.	Dr. Murphy	Wilm.
Ed 426	Supervision; Principles, Prac.	Dean Armstrong	Middletown
Ed 444	Human Growth and Development	Dr. Morgan	Seaford
Ed 450	Principles and Practices in Guidance	Dr. Weitz	Newark
Ed 469	Elementary Curriculum and Materials	Prof. Allen	Newark

Ed 509	Current Educational Problems	Dean Armstrong	Newark
Ed 512	Research in Educational Problems	Staff	Newark
H 504	Seminar in U. S. History	Dr. Reed	Newark
M 313	Advanced Mathematics for Eng. I	Dr. Webber	Wilm.
M 314	Advanced Mathematics for Eng. II	Dr. Rees	Newark
M 421	Partial Differential Equations	Dr. Botts	Wilm.
ME 383	Industrial Personnel Management	Dr. Greenwald	Wilm.
ME 423	Mechanical Vibrations	Mr. Hammett	Wilm.
ME 466	Internal Combustion Engines	Mr. Bettoney	Wilm.
Ps 503	Physical Instrumentation for Chem. and Engineers	Dr. Hanson	Wilm.
Ps 416	Advanced Atomic Structure	Dr. Parker	Newark
Ps 505	Advanced Electricity and Magnetism	Dr. Feeny	Newark
Psy 334	Abnormal Psychology	Dr. McPhee	Wilm.
St 484	Statistical Methods of Quality Control	Mr. Bicking	Wilm.

Dean Armstrong's course, **Supervision in Principles and Practice** (Ed 426) will be given in Middletown, while Dr. Morgan's course, **Human Growth and Development** (Ed 444) will be given in Seaford. Other courses are being planned for Seaford, details of which are not available at the present time. Registration for such courses will be made at the time of the first meeting of the classes.

Further information concerning graduate courses available at the University of Delaware and programs of study can be secured from the Division of Graduate Study at the University.

For Health—Beauty

(Continued From Page 2) week and as many hours of lab work during the term as is needed to develop a kiss that would turn "Lena" into "Lana." Each student should provide his own lab partner—more fun that way!

That's about all there is to it, gotta go do some lab work now ("Woodman, Spare That Tree.")

Oh yes, there are some sources that believe a "power-kiss" will put Reno out of business but we still say, "Not so long as the wives can't cook after all, who can neck on an empty stomach?" Maybe, I'd better stop in the De Luxe first.

NOTICE

Will the person who returned wallet to Lost and Found Department of the Library on January 7th, please contact Miss Ellenor Roberts, Room 111, Wolf Hall.

WEARABLES

By HENRY L. JACKSON



TRACK . . .
Skiers—expert and novice—find the parka type of jacket an indispensable adjunct to skiing. The parka illustrated here is similar to that adopted by the Army for cold climate use—with zipper front and drawstring. Made in water-repellent, wind-resistant cotton material, this parka has a chest yoke which conceals two breast pockets—handy for a map, handkerchief, chocolate bar, and various skier's needs.

STREAMLINER

Downhill ski-instructor-model trousers are probably the most streamlined of all clothing. Originally worn before the war in the Austrian Tyrol, they have become highly popular in this country. Pants are tapered and fit snugly inside boots but over heavy woolen socks, to achieve a long trim line. Pockets have zipper closures. Most popular colors are navy and gray.



PEAK . . . The peaked ski cap is ideal for wear with alpaca-collared coats which knock a regular hat off the head when collar is turned up in bad weather. Earflaps of the cap are valued for use in blustery weather.

LOAFER . . .

The loafer of Scandinavian origin, is a heavy wool sock, in colorful pattern, with leather sole attached. It is well-suited to dormitory wear during the winter months, in addition to its original use for wear after skiing.



TENTATIVE SCHEDULE OF FINAL EXAMINATIONS JANUARY 22 - 31, 1947

Please report any conflicts or omissions to Registrar, Room 100, University Hall, before Noon on January 17th

Wed., Jan. 22	Thurs., Jan. 23	Fri., Jan. 24	Sat., Jan. 25	Mon., Jan. 27	Tues., Jan. 28	Wed., Jan. 29	Thurs., Jan. 30	Fri., Jan. 31
9:00 A.M. — 12:00 A.M.								
(A.M.) Bu 301 C 343 D 321 E 235 FA 101 Fr 103 337 M 121 ME 307 Hort 119 AgE 201 Al 321 AgEc 401	Ba 307 C 223 Che 321 E 455 FA 243 H 107 HE 201 M 341 ME 125 PS 201 Sp 333 Agr 309	Bu 403 C 321 CHE 230 E 303 409 Ec 201 202 EE 403 Greek 215 ME 361 PS 101 AgE 305	Bu 307 C 101 213 Che 415 D 251 Ed 451 HE 405 M 301 ME 301	C 463 ChE 324 ED 415 EE 401 FA 231 Ger 101 H 335 N 201 ME 127 Soc 201 407 PI 127 Al 427	C 432 CE 321 Ec 309 413 G 101 H 357 HE 113 Lat 114 M 107 Phil 205 PS 205 Psy 306 Al 319 Hort 317	Ba 301 CheE 455 E 361 Ec 305 Ent 301 303 EE 431 FA 211 Hyg 403 M 205 ME 385 Phil 203 311 PSc 101 307 Psy 201	B 211 D 255 Ed 441 Fr 101 H 363	H 203 Hyg 301
2:00 P.M. — 5:00 P.M.								
(P.M.) B 321 E 205 349 HE 301 313 Mec 303 Mil 101 Mu 101 Psy 303 Agr 305	D 401 E 101 Ec 321 EE 301 Ed 325 FA 131 Fr 211 HE 321 Lat 412 M 207 Mu 181 AE 305 Hort 421	B 101 CE 333 EE 341 Ed 346 Ger 103 H 205 317 ME 221 Mec 172 311 PS 307 Soc 309 Hort 419	Ed 209 Fr 331 Greek 213 H 407 M 103 Mec 321 Mil 201 SP 101	CE 221 Ec 215 EE 445 Fr 301 Ger 333 N 101 105 PS 409 Psy 205 Sp 103 201	B 451 E 399 H 105 106 EE 443 Ent 201 Mec 307 309 Mu 201 PSc 201 PI 321	D 201 E 312 Ed 311 336 Fr 201 Greek 111 M 313 ME 223 422 Phil 319 Psy 101	Ed 385 PA 350 Lat 111-2 Phil 327	

This Examination Schedule Is Only Tentative — Consult Bulletin Boards for Changes

The Mail Box

Dear Editor:

The following is a statement of the activities and purposes of the Yacht Club of the U. of D. The Club was formed officially on the 5th of December, 1946, with the adoption of a set of by-laws, and the election of officers. Committees were formed to carry on the organization. They have been working and doing a good job. At the time of organization the club had 80 members.

The week before the Christmas vacation, the committee on Student Organizations met and unanimously voted against recognition of this Club. This means that we cannot represent the University of Delaware nor use the name of the school.

I would like to quote from our By-Laws:

Purposes: 1. To represent the U. of D. in Intercollegiate Yacht racing.

2. To provide sailing experience and pleasure for the members.

3. Extend members' nautical knowledge through a course of instruction and guest speakers.

By the Committee's action our first purpose is out. Our second purpose is likewise cut out for the following reasons: To sail, we need boats, and boats cost money. By not recognizing us, we are automatically unable to receive funds from the University; neither are we able to solicit any donations from private citizens. People very rightly could not be expected to contribute money to a Collegiate organization that has not been recognized by the College. We have raised about \$200.00 thus far from dues, the card game and sale of Christmas cards. However, boats cost money, on the present market about \$500.00. We are planning a dance in the spring but it will not net much over \$150.00.

The money that we now have in the treasury would all go for sending crews to the various meets and regattas. So, we still have no boats. Purpose two is therefore out. This leaves us with our third and final purpose that we are able to carry out.

I feel that our purposes are excellent, that we can do a lot to spread the name of Delaware in intercollegiate sports circles and certainly this school needs all of the publicity it can get. We are aiming to help, not hinder the school; yet, we are stopped.

Finances seem to be the main reason for the Committee turning "thumbs down" on us. We certainly would appreciate any help the school could or would give us along this line. However, we feel that the money needed could be raised by donations, but without the approval of the school we can make no attempt to raise the necessary amount. Approval has been asked, with a non-financial clause, but that too has been disappointed.

It might be well to state that as yet, the written report of the Committee has not been received, but the information we have received comes from conferences with two of the members. It is our feeling that the School has adopted a policy of suppressing student activities. WHY?

The Yacht Club is not dead, we have received a foul blow, but we are just beginning to fight. We are going to continue that fight until the Administration can prove a just and legal reason for not permitting us to exist and try to make a success of this club, and we feel that

we can make a success of it. The necessary talent, energy and high interest is present. We will continue to fight for our life, and the lives of all other student activities now present or to be born on the campus.

The Administration does not seem to realize that the training one gets in participating in Student Organizations is just as important as the required courses he takes. Ask any personnel director and he will back me up on this last statement.

The Yacht Club is making arrangements with the North East Yacht Club to use their facilities as our home port. This seems ironical now, but we expect to have a fleet by late spring. We expect to win this battle with the Administration and we are prepared for a hard fight.

Name of Writer Withheld.

Dear Editor:

In recent issues you have aired the plight of the poor hapless veteran who is trying to get along on \$65.00; you have given the campus beaneries a working over; and your columnist, Mr. Beach, has even registered a gripe about the cost of a room in the dorms.

Humpf! You guys think you have troubles; you think you are getting a raw deal. How about us married simps who thought we could still get through school? If you think your cost of living is high, just try to rent a chicken coop for two from these money-hungry locals. Of course, we could slip a crisp fifty or so to the bureaucrat who would get us into the "village," but we haven't been able to identify the Shylock, as yet.

Recently the *Evening Journal* ran an editorial commending the authorities at Delaware State College for the fine living quarters that they had provided for the veterans, both married and single, but, alas, this was the colored school at Dover. No, I am sorry to say that no bouquets have been thrown this way, in fact, not even an aged egg with its ensuing bad publicity. Things really aren't so bad, though; you can put your name on the list in Brown Hall, and then if there is a spare garage that all of the homeless faculty have turned down as undesirable, you might, and I say "might," be given the address.

The head of the Wilmington Housing Authority says that he has repeatedly offered housing to the University, but all offers have been turned down. The Authority was willing to GIVE buildings, ship them free of charge, and erect them at no cost. The university was asked to lend a little ground, rent them, and maintain the project. Cornell, Rutgers, Penn State, and even Delaware State have seen fit to accept the Federal gift. Why hasn't the U. of D.?

We don't ask for any luxuries; we don't ask anything for nothing; however, if we are to continue on our near nothing incomes, we would prefer to be associated with people in the same circumstances rather than raise our children in the slums.

Name withheld by request.

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Hen Chatter

(Continued from Page 3)

bad for the matmen with Bob Rosenberg and George Sarmousakis both sidelined by the recurrence of old injuries, and both Horace Ginn, a 1943 Mason-Dixon Conference champ, and Bill Thistlewaite finding the grappling game consuming too much time from their academic duties. Rosenberg, Sarmousakis, and Thistlewaite all participated in the Washington College meet and earned victories in their events.

The loss of Bob Bush, ace backstroke and relay merman, who is leaving school with this semester will inflict a deep wound upon the strength of the Hen tankmen.

Speaking of swimming, those missing the LaSalle swimming meet might well wish they had attended. The Philadelphia natators brought probably the best team and, in Joe Verdeur, undoubtedly the best individual performer ever to appear in the Taylor Gym pool. Verdeur, holder of the world's record for 220-yard breast stroke, broke two pool records individually and helped the medley relay team catch a third, even though he failed to participate in his favorite event.

FOUND

Leather Cigarette Case—with "Guatemala" on the bottom, and "Indio Mayo" on the back. Owner may retrieve in Dean Daugherty's office, Brown Hall. Rimmed glasses in case. Brown pocketbook containing change.

1 earring, 2 Novelty Pins, 1 Key, 3 Fountain Pens.

All are in Dean Crawford's office. Small black and brown Parker pen in Recitation Hall Room 26. Contact Joan Tatnall.

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Blue Hen House

(Continued From Page 3)

teams, as well as captaining the swimming team, and earning letters in hockey and basketball.

Betty was a member of the Leader Corps for two and a half years, having won a medal for service in the Corps and sports. One of the remaining members of the WAA. Betty was treasurer in her Sophomore year having been a member since her arrival here. Her pet pastimes are ice-skating, dancing, yachting, and horseback riding.

Incidentally, it's obvious from this review of her sports career, that Betty would follow her athletic tendencies, majoring in Physical Education.

NOTICE!

Influenza vaccine is still available to all students, faculty, staff-members and their families.

Shots will be given at the Student Health Center during regular office hours.

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Vesper Services Being Resumed

Vesper services have been resumed again under the sponsorship of the Delaware Student Christian Association. They are held in the music room on the third floor in Old College every Sunday evening at 6:30 p.m. Everyone is invited to attend regardless of their own religious affiliation.

The idea of Vespers is to give the students a common meeting-ground in religious matters, and it is therefore hoped that all students will avail themselves of this opportunity.

Drama Dribblings

Marlyn Greenberg and Helena Clark were accepted as new members of the E-52 Players at the meeting on last Tuesday evening. Marlyn was seen in a lead of the one-act comedy "Sparkin'" and has had parts in such plays as "The Great Big Doorstep" and Christmas plays. Besides this, she is chairman of the Makeup Committee. Helena, better known as "Cookie," has served on Photography and Lighting Committees.

Vet Survey Reveals 612,690 Men Enroll

A Veteran Administration survey for the first half of 1946 disclosed that 612,690 veterans have availed themselves of the educational benefits provided by the Servicemen's Readjustment Act. (G. I. Bill).

The survey showed that 105,294 veterans, or 17.19 per cent of the total, were taking liberal education and 91,337 were studying trade and industry.

Engineering attracted 57,241 veterans, and mechanical courses, 48,470.

A total of 19,555 were interested in scientific study, 18,428 were taking courses in law schools, 7,688 aimed at writing careers and 3,563 looked forward to being pharmacists.

The survey revealed that veterans were taking educational courses in all the professions and in virtually every type of craft and industry that is taught in our nation's institutions of learning.

Many of these veterans would be unable to continue their education without the benefits which they are receiving.

Recitation Hall Is Being Rejuvenated

Recitation Hall, home of the Physics and Psychology Departments, on Old College campus, is at present undergoing a complete renovation.

The laboratories are getting new ceilings, and new concrete floors. The walls are being plastered, and more lighting outlets are being provided. Classrooms are being repaired and painted.

Sheppard and Company, local contractors, are doing the job.

Interviews At Guidance Bureau

20 Jan. (Mon.) Du Pont Co.
United Aircraft Corp.
(engineers)
7 Feb. (Fri.) Allis Chalmers.

Vets Notice

There will be someone in the Vets office every Friday afternoon to advise vets on their insurance problems.

All vets who have not filled out their schedule cards are asked to stop in at the office and do so.

This Collegiate World

By Associated Collegiate Press

ST. PAUL, MINN.—(ACP)—It cost composition major Emil Strom of Hamlin College all his baggage and most of his personal belongings, \$800 worth of lost music and 20 pounds of lost weight to study music in France this past summer—and he wants to go back again NEXT summer!

Strom, now studying under Dean Ernst Krenek of the school of music, was one of 18 American students attending the first postwar summer session of the American Arts Schools in the Palace of Fontainebleau.

His baggages and music were lost in travelling, but his lost weight was caused by cramming six months work into two, and a something-more-than rigid French diet. All things considered, Strom thinks his trip was a valuable experience, and he hopes the trip next summer will be more enjoyable—even if he has to tie his baggage on his back next time to keep from losing it.

EVANSTON, ILL.—(ACP)—Northwestern's electricians, steamfitters, janitors—the men who make the university liveable—will receive their orders over a mobile telephone soon. It is believed that this will be the first such arrangement in a university in the country.

The phone will be installed within a few days in the automobile of Maurice Ekberg, superintendent of buildings and grounds at Northwestern. The department's 247 workers can be contacted immediately in case of electrical difficulties, flooded basements, or other mishaps which call for a repair crew, Ekberg said.



WALTER S. GIFFORD
President of the American Telephone and Telegraph Company. Started as a clerk with the Western Electric Company in 1904.



CHESTER I. BARNARD
President of the New Jersey Bell Telephone Company. Started with the Bell System as a clerk in Boston in 1909.



WILLIAM C. BOLENIUS
President of the Wisconsin Telephone Company. First telephone job was in New York City as a traffic inspector in 1921.



ALLERTON F. BROOKS
President of The Southern New England Telephone Company. Started as engineer's assistant in New Haven in 1911.



VICTOR E. COOLEY
President of the Southwestern Bell Telephone Company. Started his telephone career as a clerk in San Francisco in 1911.



HAL S. DUMAS
President of the Southern Bell Telephone and Telegraph Company. Started as a traffic student in Atlanta in 1911.



RANDOLPH EIDE
President of The Ohio Bell Telephone Company. First telephone job was as a special inspector in New York in 1911.



JOE E. HARRELL
President of the New England Telephone and Telegraph Company. Started with Bell System as a clerk in Atlanta in 1913.



RUSSELL J. HOPLEY
President of the Northwestern Bell Telephone Company. Started as collector in Fort Madison, Iowa, in 1915.



WILLIAM A. HUGHES
President of the Indiana Bell Telephone Company. Started his telephone career as a ground man in Kansas City in 1917.

Up from the Ranks

These are presidents of operating telephone companies of the Bell System. They all started at the bottom of the ladder . . . Nine years ago the Bell System first published an advertisement like this, except that there are now thirteen new faces in the pictures. These new presidents also started at the bottom.

★ ★ ★

The Bell System aims to keep the opportunity for advancement open to all.

One of its traditions is that its executives come up from the ranks. That has been true of the business for many years and nowhere is it better illustrated than in the careers of the men who now serve as presidents of Bell Telephone Companies.

As a group, they have put in 611 years of telephone service, an average of 36 years each.

PRESIDENTS OF BELL TELEPHONE COMPANIES AND THEIR FIRST JOBS

Name	Company	Date	Place of Start	First Pay	First Job
Walter S. Gifford	Amer. Tel. & Tel. Co.	1904	Chicago	\$10 week	Clerk, Payroll Dept.
Chester I. Barnard	New Jersey Bell Tel. Co.	1909	Boston	\$50 month	Clerk
*William C. Bolenius	Wisconsin Tel. Co.	1921	New York City	\$28 week	Traffic Inspector
*Allerton F. Brooks	Southern New England Tel. Co.	1911	New Haven	\$12 week	Engineer's Assistant
*Victor E. Cooley	Southwestern Bell Tel. Co.	1911	San Francisco	\$60 month	Clerk
*Hal S. Dumas	Southern Bell Tel. & Tel. Co.	1911	Atlanta	\$50 month	Traffic Student
Randolph Eide	Ohio Bell Tel. Co.	1911	New York City	\$15 week	Special Inspector
*Joe E. Harrell	New England Tel. & Tel. Co.	1913	Atlanta	\$14 week	Clerk
*Russell J. Hopley	Northwestern Bell Tel. Co.	1915	Fort Madison, Ia.	\$40 month	Collector
*William A. Hughes	Indiana Bell Tel. Co.	1917	Kansas City	\$60 month	Ground Man
*Thomas N. Lacy	Michigan Bell Tel. Co.	1905	Philadelphia	\$10 week	Installer
*H. Randolph Maddox	Chesapeake & Potomac Tel. Cos.	1921	Washington, D.C.	\$30 week	Student Engineer
*Graham K. McCorkle	Illinois Bell Tel. Co.	1902	Eminence, Ky.	\$20 month	Office Boy
*Floyd P. Ogden	Mountain States Tel. & Tel. Co.	1911	Kansas City, Mo.	\$40 month	Student-Clerk
Philip C. Staples	Bell Tel. Co. of Penna.	1904	Baltimore	\$12 week	Salesman
*Mark R. Sullivan	Pacific Tel. & Tel. Co.	1912	San Francisco	\$50 month	Clerk
*Carl Whitmore	New York Tel. Co.	1910	San Francisco	\$65 month	Field Man

*Asterisks indicate new presidents since December, 1937.

BELL TELEPHONE SYSTEM



THOMAS N. LACY
President of the Michigan Bell Telephone Company. With Bell System since 1905. Started in Philadelphia as an installer.



H. RANDOLPH MADDOX
President of The Chesapeake and Potomac Telephone Company. Started, student engineer, Washington, D. C., in 1921.



GRAHAM K. McCORKLE
President of the Illinois Bell Telephone Company. Started with Bell System as an office boy in Eminence, Ky., in 1902.



FLOYD P. OGDEN
President of The Mountain States Telephone and Telegraph Company. Started as student-clerk in Kansas City in 1911.



PHILIP C. STAPLES
President of The Bell Telephone Company of Pennsylvania. Started with Bell System as salesman in Baltimore in 1904.



MARK R. SULLIVAN
President of The Pacific Telephone and Telegraph Company. Started as a clerk in San Francisco in 1912.



CARL WHITMORE
President of The New York Telephone Company. First Bell System job was in San Francisco as a field man in 1910.