

# Official Notices

**NOTICE TO FEBRUARY GRADUATES**  
According to college regulations Monday, December 16 is the last date for applying for degrees to be conferred in February, 1941. Forms for filing the degree may be secured at the Registrar's Office.

H. L. HEATON,  
Ass't. Registrar

**LECTURE**  
Mr. G. M. Kintz of the United States Department of Interior, Bureau of Mines, will speak on "Electrical Fires and Explosions" in the E. E. Lecture Room at 5 o'clock Friday morning. All interested students and faculty members are invited to attend.

M. C. HUGHES, Head  
Dept. of Elec. Eng.

**PERSONNEL LEAFLETS**  
Printed personnel leaflets are ready for the following seniors. Please call for these at Room 133, Administration Building, at your earliest convenience:

- Adams, Billy J.
- Beard, Leldon Foy
- Bentch, George F.
- Beyer, Donald A.
- Bianchi, David C.
- Bloodworth, J. C.
- DeArmond, George W., Jr.
- Fagin, Karl W.

## CORRECTION!

In addition to diamonds and watches you CAN buy gifts from a Jewelry Store for as little as—

**\$1.00 - \$1.50 - \$2.00**

### FOR INSTANCE—

- Bracelets
- Perfumes
- Colognes
- Evening Bags
- Cigarette Cases
- Cigarette Lighters
- and many others

**SANKEY PARK Jewelers**  
Bryan, Texas

Haynes, Wade L.  
Kirby, Max M.  
McCollar, F. Max  
McKee, Harry W.  
Mead, Lynn H.  
Meriwether, John B.  
Nelson, Lewis J.  
Noyes, George W.  
Patterson, Orel L.  
Payne, V. E.  
Reynolds, Glenn H.  
Rice, James L.  
Snyder, Nicholas A.  
Trcalek, Bennie F.  
Withrow, Alfred S.  
Wolfer, Charles J.  
Yust, Robert L.

LUCIAN M. MORGAN, Director  
Placement Bureau

**APPLICATION PHOTOGRAPHS**  
The application size photographs that accompany the printed personnel leaflets are ready for the following seniors. Please call for these at Room 133, Administration Building, at your earliest convenience:

- Adams, Billy Joe
- Anderson, James T.
- Aldrich, Earle W.
- Beard, Leldon F.
- Bianchi, David C.
- Bloodworth, Joseph C.
- DeArmond, Geo. W., Jr.
- Byrd, Edwin E.
- Denton, James G.
- Eckert, Roy F.
- Fagin, S. F.
- Fenner, S. F.
- Guerrero, Elias Jose
- Giles, James P., Jr.
- Higgins, Walter S., Jr.
- Humphrey, J. R.
- Jones, Albin T., Jr.
- McKee, Harry W.
- Mead, Lynn H.
- Mills, Vernon E.
- Minnock, Jack
- Montgomery, W. J.
- Moss, King
- Noyes, George W.
- Orr, Dan B.
- Payne, V. E.
- Power, Tom L.
- Shurtleff, Hugh C.
- Smith, Tracy E.
- Swanson, Roger H.
- Yust, Robert L.

LUCIAN M. MORGAN, Director  
Placement Bureau

**OFFICE OF THE COMMANDANT A. & M. COLLEGE COLLEGE STATION, TEXAS 10 DEC. 40**

**CIRCULAR NO. 23:**  
1. Due to the crowded conditions of the COLLEGE HOSPITAL students are being marked "quarters" and permitted to return to their rooms before being fully recovered from their illness.

2. ORGANIZATION COMMANDERS are held responsible to see that these men are not molested or subjected to exposure while in this period of convalescence.

By order of the COMMANDANT:  
JOE E. DAVIS  
Assistant Commandant

**NOTICE**  
All seniors who have not turned in their personnel record forms are requested to do so at once. Those seniors desiring the printed personnel leaflets pay for these at the earliest possible date.

LUCIAN M. MORGAN, Director  
Placement Bureau

**NOTICE**  
In accordance with the regulations, Christmas holidays for the clerical staff will be December 24-25 inclusive.

With the approval of the President, January 1 has also been designated as a holiday. Departments and divisions are authorized to allow the substitution of December 23 for January 1, where the work of the department will not be seriously inconvenienced.

F. C. BOLTON,  
Dean

**C. E. 800S EXAMINATION**  
Students who have secured permission through petition are hereby notified that the examination for credit in C E 800S (summer practice) will be given on Saturday afternoon, January 13, 1941.

J. T. L. McNEW, Head,  
Department of Civil Engineering

**CONCESSION HOLDERS**  
All concession holders who expect to continue the operation of any type of concession on the Campus are requested to report to the Chairman, Student Labor Committee, at the Office of Student Employment, Room 215, Administration Building, prior to December 21, 1940. The names of all agents of the concessionaire must be available at that time. Failure to report during the time specified will be sufficient cause to revoke operation privileges of concessionaire.

W. R. HORSLEY, Chairman  
Student Labor Committee

**AGRONOMY SOCIETY**  
There will be an important regular meeting of the Agronomy Society Thursday night at 7:30 in Room 312 Ag. Bldg. The Crops team will be honored.

**Smart-New!**  
2 GIFTS IN 1

**LiveGLAS by HICKOK**

The belt is transparent, stretchable LiveGLAS ("Vynilite").

The buckle has two smart Black initials. The box shuffles a deck of cards! Complete

\$2

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College Station - Bryan

## Inspection Trip—

(Continued from Page 1)

horticulture department has been made to the Texas Rio Grande valley to inspect the citrus fruit orchards there, and this is the first time in recent years that the Florida region has been visited.

On their trip the seniors will be met by several former students of A. & M. who are now employed in that area and who will help them in their study. These former students are: G. H. Blackburn, now in the department of horticulture at Gainesville, Fla.; E. L. Ayers, county agent at Bonedont, Fla.; Louis Alsmeyer, county agent at Selering, Fla.; and Dr. F. F. Cowart, now connected with the Citrus Experiment Station at Lake Alfred, Fla. Dr. F. S. Jamison, who was formerly a professor here, will meet the students in Gainesville where he is now connected with the department of horticulture.

Prof. C. B. Farrington is in his fortieth year as a faculty member of Sam Houston State Teachers College.

**FELLOWSHIP LUNCHEON**  
There will be a Fellowship Luncheon for employees of A. & M. from 12:10 to 12:40 Thursday noon.

**PRESBYTERIAN LEAGUE**  
The Presbyterian Young People's League is having its Christmas Party in the Y Parlor Thursday night at 7:30. Come and bring a gift costing not over a dime.

**LECTURE**  
Dr. J. G. Horning of Houston will lecture on "Veterinary Education and Veterinary Schools in Europe" at the meeting of the A.V.M.A. Friday, December 12, 7:00 p. m. in the veterinary hospital lecture room. Veterinary and pre-veterinary students are invited.

**BRAZOS UNION LODGE NO. 129**  
Called meeting. Brazos Union Lodge No. 129 tonight at 7:30. There will be work in the Master's Degree. All members and visiting brethren are cordially invited to be present.

E. J. Howell, W. M.  
J. W. Hall, Sec.

**BIOLOGY CLUB MEETING**  
There will be a Biology Club meeting Thursday night at 7:00 o'clock at the College Museum. The club will tour the museum under the direction of Dr. C. J. Hesse. Since the museum has grown considerably since last year, any club member who has already visited the museum will deem it worth while to do so again.

**FACULTY DANCE CLUB**  
The Faculty Dance Club will hold its monthly dance at the Sbia Hall annex on Saturday night, Dec. 14 from 9 to 12 midnight. All faculty members, Experiment Station and Extension Service workers, their wives and friends are invited and urged to attend. The Aggieband Orchestra will play. Admission charge is one dollar plus tax.

**ARCHITECTURE SOCIETY**  
There will be an important meeting of the Architecture Society tonight in the Arch. lecture room.

**CHRISTMAS BAZAAR**  
The women of the First Presbyterian Church at College Station will hold their annual Christmas Bazaar at the home of Mrs. E. E. McQuillen Friday the 13th from 2:30 to 5:30. Everyone is invited to come and buy their Christmas presents. Tea will be served.

**COTTON SOCIETY**  
There will be a meeting of the Cotton Society Thursday, December 11, immediately after supper in the Textile Building. A very interesting program has been arranged and refreshments will be served. Visitors Welcome.

**A.S.M.E.**  
There will be an A.S.M.E. meeting in the E.E. lecture room tonight immediately after supper. Two sound movies will be shown. The main speaker of the evening will be W. R. Benson. He will speak on his experiences at the Annual Meeting of the A.S.M.E. Dec. 2-4, as a student delegate from A. & M. Attend this meeting and find out how your society is run.

**FOR RENT—New four-room apartment with private bath. Newly furnished, including electric refrigerator, and garage. Located in College Hills Estates near campus. Ben D. Alexander, 4-3504.**

**LOST—A gold Elgin wrist watch with gold numeral wrist band broken. Finder please return to Bill Becker, Room 225, No. 10 for reward.**

**WANTED—Ride for one or two to Wichita Falls or thereabouts December 20 or 21. See room 121, number 8.**

**WANTED—Ride to Austin leaving Friday afternoon. Will share expenses. Call Guill 4-4184 or come by room 42 Mitchell.**

**FOUND—Pair of metal rimmed eye glasses in parking lot at AAA Building. Owner may get them at desk of AAA Building.**

**FOR SALE—'35 Hudson convertible coupe. Perfect condition. Terms arranged, bargain. Call Bryan 163 after 5 p. m.**

**LOST—between No. 9 and the Academic building a black Lifetime Schaeffer's fountain pen. Reward. Bert Hall, 103 No. 9.**

**AGGIES who want a round trip ride to New York for the Christmas holidays in a 1939 Studebaker see H. H. Lutz, room 61 Leggett at 7 o'clock Tuesday night.**

**LOST—Small size loose-leaf notebook in Library Saturday afternoon. W. H. Bowie, 52 Mitchell.**

**WANTED—Ride to Northeast Arkansas, somewhere near Jonesboro. See Robert Fahr, 56 Leggett, box 466.**

**PASSENGERS WANTED—Have room for two passengers going to Chicago for Xmas holidays. See A. M. Nelson, Mech. Eng. Bldg. Office 209.**

**ATTENTION PANHANDLE BOYS—for \$8.50 you may get a round trip ticket on a Bowen bus from College to Amarillo during the Christmas holidays. The bus leaves December 21 and returns January 8. Tickets are going fast. See Lasley, room 221, dorm 6 before 6 p.m. Wednesday, December 11th.**

**FOR SALE—Size 36 Tux, complete. Come to 33 Milner.**

**WANTED—Round trip ride to St. Louis Mo., or Memphis, Tenn. See H. W. Dickmann, Milner Hall, Room 8, Box 718.**

**RIDE TO DALLAS** this week end, rain or shine. Leave College 2 o'clock Friday, leave Dallas 6 o'clock Sunday. 1936 Oldsmobile with radio and heater. Price \$2.00 round trip, \$1.00 either way. If interested, see Jim Gillespie, room 120, Dorm 12.

**PASSENGER WANTED** for round trip to Charleston, S. C., via Atlanta, Ga. Come by No. 2, 111.

**WANTED TO RENT—Furnished house or large apartment in vicinity of college. Lt. North at Military Dept. 4-6639.**

## Photochemistry Opens Unlimited Experimental Field

By Dr. Henry J. Welge

**Assistant Professor of Chemistry**  
Photochemistry deals with the chemical changes brought about by the action of light. A popular misconception is that the term photochemistry deals with only photography. Photography concerns the action of light on but a single chemical, silver bromide, and so is really only a minor branch of the broad subject of photochemistry.

Light is a more powerful agent for bringing about chemical changes than is usually supposed. Ordinary light has as much useful energy as, on the average, the hot gases from a flame would have at a temperature of 30,000 degrees Fahrenheit. Even the oxy-hydrogen blowtorch has a maximum temperature of only about 5,000 degrees Fahrenheit.

The color of light determines its energy. Red light has the least energy, with orange, yellow, green, blue, and violet each having more in the order given. The available energy of violet light is about twice as great as that of red light. Ultraviolet light cannot be seen, yet has more energy still, and is consequently quite effective in producing chemical and physiological changes, such as sunburn and vitamin production.

In order for this large amount of energy in light to be useful, the chemical substance that is to utilize it must absorb the light; that is, it must not be transparent to the light. For if the object that is to be chemically altered is transparent, the light will pass completely through it and emerge from it unchanged, and consequently the object will likewise be unaffected.

For example, one of the most important applications of photochemistry to daily life is in the action of light on green plants to produce from water and carbon dioxide such necessities as wood, cotton, sugar, foods, and even drugs and medicines. Here the leaf chemicals are not transparent but are colored green, and can absorb from sunlight, which is a mixture of light of all colors, all except some of the green light, which passes through the leaf unchanged.

In an effort to find out more about the chemical changes brought about by light, photochemists study (1) the effect of light of various wave-lengths (colors) on the substances which they wish to alter chemically; (2) the products that are obtained after the chemical changes have taken place; and (3) the efficiency with which the light energy is utilized to produce them.

In many cases, the chemical changes brought about by light can likewise be brought about by heat, and vice versa. Consequently information obtained on the behavior of a substance toward light is often quite useful in predicting its behavior toward heat also. The use of light is frequently more convenient, since the reaction may be easily started or stopped by simply opening or closing a shutter placed between the light source and the substance. Gradual warming up and cooling down is eliminated, and the bad effects of overheating are easy to avoid.

## Hunting Trip—

(Continued from Page 1)

although they lost the game to A&M 17-0.

In that game Fordham made 161 yards through the air to 145 on the ground, something unusual for a Northern team. The "seven blocks of granite," the Ram line, held the Porkers to 61 yards rushing while the same team got away with 76 yards against A&M.

## Civil Service Exams Announced

The United States Civil Service Commission has announced that applications will be accepted at its Washington office for the positions listed below. For the first two positions two closing dates are given for receipt of applications—the first for applications received from States east of Colorado, the second for applications from Colorado and States westward. The salary in each case is subject to a 3 1/2 percent retirement deduction.

Accounting and auditing assistant, \$1,800 a year. Applicants must have completed two years of study, which included accountancy, in a residence school; or have had 3 years experience in bookkeeping, accounting, or auditing; or they

must be certified public accountants. Closing dates are December 30, 1940 and January 2, 1941.

Junior warehouse examiner, \$2,000 a year, Agricultural Marketing Service, Department of Agriculture. The optional subjects are cotton warehouses and grain warehouses. Applicants must have completed at least 14 units of high-school study, unless they pass a general written test. They must also have had appropriate experience in cotton or grain warehouses or in a banking institution engaged in financing such business. Closing dates are January 6 and January 9, 1941.

Junior airway traffic controller, \$2,000 a year, Civil Aeronautics Administration. Applicants must have had recent experience in connection with aircraft operations, such as in the capacity of aircraft dispatcher, airport station manager, or officer directly associated with military or naval aircraft operations. Certificated or U. S. Government pilots with an instrument rating or cross-country flying experience may also qualify. For this examination, applications will be rated as received until further notice.

Full information as to the requirements for these examinations, and application forms, may be obtained from College Station, Texas

## Local A. A. U. P.—

(Continued from Page 1)

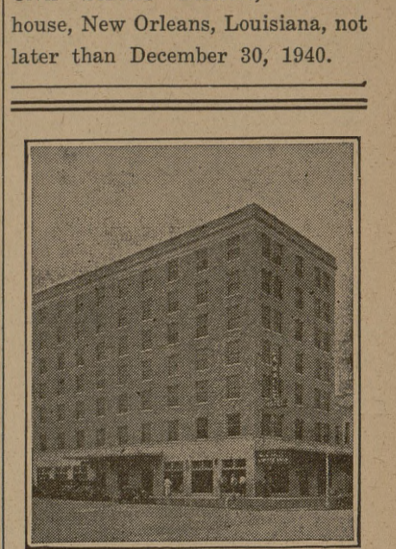
means for the authoritative expression of public opinion of the body of college and university teachers; to make collective action possible and in general to maintain and advance the ideals and standards of the profession." Membership is open to all colleges and university teachers from the faculties of eligible institutions, including graduate students, graduate assistants, and instructors. Secretary of the Board of U. S. Civil Service Examiners, at the

post office or customhouse, or from the Secretary of the Board of U. S. Civil Service Examiners, at any first or second-class post office.

The United States Civil Service Commission announces open competitive examination for the position of Under Laboratory Helper (Bacteriology) (for filling the position of Laboratory Assistant (Bacteriology), \$1260 a Year), for employment in the U. S. Veterans Administration Faculty, Legion, Texas.

Applicants must have successfully completed a 4-year high school course, or 15 units of college entrance credits, and in addition, have successfully completed at least one semester of a college course in bacteriology, or have had at least 6 months' experience in a bacteriological laboratory. They must have reached their 30th but not have passed their 45th birthday, except the maximum age limit will be waived for veterans.

Applications must be on file with the Manager, Tenth U. S. Civil Service District, Customhouse, New Orleans, Louisiana, not later than December 30, 1940.



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BRYAN, TEXAS  
100 Rooms - 100 Baths  
Fire Proof  
R. W. HOWELL, Mgr.  
Class '97

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—For Sweetheart, Mother, Sister and Dad.  
We carry a complete line of Victor and Bluebird Records. Also Portable Radios and Players. We will wrap them for mailing if you wish.  
Come in and let us help you select your gift.  
**HASWELL'S BOOK STORE**  
"Give With Pride"  
Bryan

**for Christmas**  
...give the cigarette that Satisfies

A carton of Chesterfields with their Milder Better Taste will give your friends more pleasure than anything else you can buy for the money.

**Chesterfields**  
in the attractive Gift carton that says... Merry Christmas

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Ties that last

These smart new 4Fold Sportown Wool Ties usher in another wool tie season... with eye-catching selections of new patterns in rich seasonable colorings. Their rich, soft worsted fabrics again have made them first choice with fashion-wise America from coast to coast. Their 4Fold Construction enables them to tie easily... drapes into a perfect dimpled knot... this miracle in wool is wrinkle resisting, and is styled to stay in the 4Fold way. See them and buy several.

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