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Merry Christmas - Happy New Year



PANTHER A&M COLLEGE of TEXAS

VOLUME XLV, No. 8

Prairie View, Texas

DECEMBER 17, 1970



YOUTH CONFERENCE — Speakers and other platform guests for the Annual Youth Conference held recently at the college are picture above. The group includes adult and student leaders.

Christmas Ball Held Dec. 12

The Christmas spirit joined hundreds of faculty and staff members in celebrating the happiest season of all on December 12. Ladies and gentlemen in formal attire whirled about the floor to beautiful music, wishing season's greetings to every one. The gala affair was the Second Annual Faculty Christmas Ball.

This year's festivities were more entrancing and more enjoyable than last year's event. A donation of two dollars per person was paid to the Publicity Committee Representative in each department. This donation helped defray the costs of this Ball's three

Boy Scout Activities Underway

1. Annual Financial Drive — The Annual Boy Scout Financial Drive is now in progress and is expected to be completed by December 12.

2. Local and Area Scouting Programs — The David Crockett District Appreciation Dinner was held recently in Brenham, Texas. President Thomas is a member of The Board of Directors of The Sam Houston Area Council. Doctors T. R. Solomon and C. A. Wood and Mr. Oliver Smith are member of the Council. District officers from Prairie View-Waller area include Dr. Wood, Vice

hours of fun and frolic; it also served to admit persons to the Ball.

Chairman; Mr. Oliver Smith, Commissioner; Dr. Jewell Berry, Mr. A. E. Charleston, Mr. Clyde Christopher, Sgt. John Guy, Mr. Joseph Battle, Mr. David Kirkpatrick, Mrs. Mary Kirkwood, and Dr. Richard Thomas.

Scholarship For Minority Group Students

Teachers College, Columbia University is offering tuition scholarships to minority group students for full-time graduate study during the 1971-72 year. Each scholarship covers up to 32 points of tuition and has a value of \$2720. Scholarship

Humble Oil Presents \$4000 Grant to PV

A Humble Companies Foundation grant in the amount of \$4,000 was presented December 10 to Dr. Alvin I. Thomas, President of Prairie View A & M, by Forrest E. Hoglund, Humble Oil & Refining Company's East Texas Division Manager, Houston.

\$3,000 of the grant was allocated for the School of Engineering, and the remainder was for general unrestricted use by the college.

The gift to Prairie View A & M was part of a total of \$374,500 being awarded by the Foundation for the 1970-71 academic year to 91 higher educational institutions nationwide.

Companies participating in the Humble Companies Foundation, a non-profit organization, are Humble Oil & Refining Company, Humble Pipe Line Company and Esso Production Research Company.

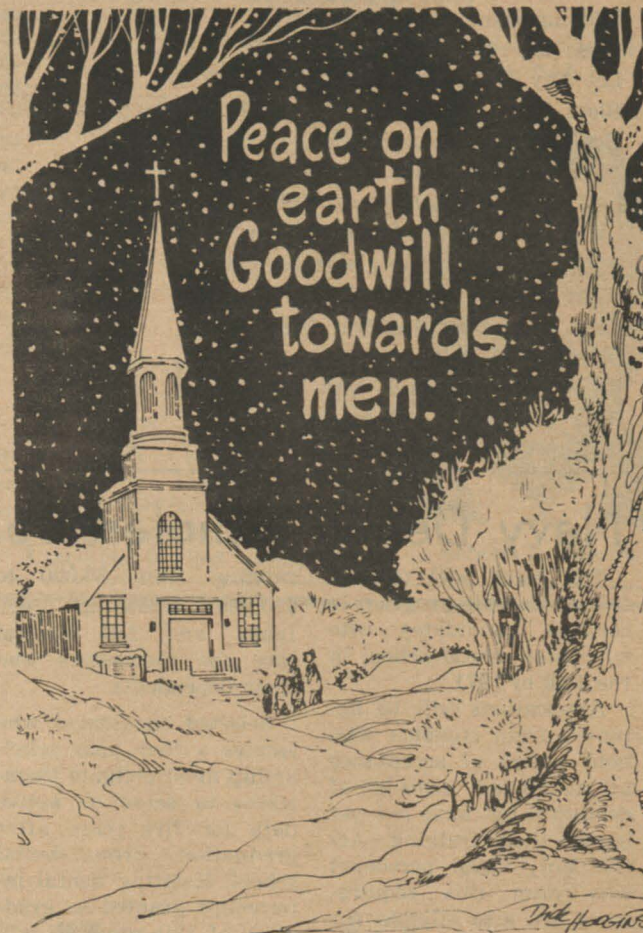
winners may use their awards beginning with either the summer or autumn term of 1971.

Purpose

To encourage well qualified and eligible students whose attendance at See *SCHOLARSHIP*, Page 3

Financial Aid Available To Medical Students

Dr. B. K. Chopra, Assistant Professor of Biology, and Damon Hill, a student in the Biology Department attended a meeting in October conducted by the Harvard University Medical School in Boston, Mass. Harvard has funds available for a variety of scholarship programs which will be used to finance the medical school education of persons of minority groups from low income families. The meetings were conducted to make these scholarships known to the faculty and students from many of the colleges throughout the country.



CHRISTMAS 1970

The essence of the Christmas spirit is in the words: Peace on Earth, Goodwill Towards Men. Around this simple premise, Christian and non-Christian may join and make this season one of united purpose. Peace and Goodwill summarize our hopes and aspirations for all of the world.

Hopefully, the recent beginnings toward peace in our troubled world will be recorded in history as actions which led to an end of the shooting and the beginning of accord.

As for Goodwill, the divisiveness of the election campaign and the civil disorders of the past months have not brought us together. All rational men must seek workable alternatives which preserve the dignity of man and recognize that the public sense of right and wrong cannot be ignored.

Mutual tolerance and understanding can be Mankind's greatest Christmas gift to itself.

Gifts and Grants Received By The College Recently

The National Science Foundation has awarded the following grants to Prairie View A&M.

1. \$40,151 for support of

Holiday Period To Begin Thursday

Christmas Holidays will begin at 12:30 p.m. on Thursday, December 17. Class will resume on Monday, January 4, at 7:30 a.m.

The holiday period for 12-month employees includes eight days — December 23 through January 1, 1971.

Damon Hill talked with the Harvard group about possible enrollment after graduation from Prairie View.

the 1971 NSF Summer Institute for Secondary School Teachers. The Institute will be under the direction of Dr. E. E. O'Banion, Department of Chemistry.

2. \$11,305 for administration of Institutional Grants for Science. This is an additional grant for this purpose, bringing the total to \$21,620.

3. \$21,320 for support of the 1971 Summer Institute in Mathematics for Secondary Teachers. The grant is under the direction of Dr. A. D. Stewart, Department of Mathematics.

Mobil Oil Corporation has awarded a \$1,000 scholarship to the College to be used for a student who served in Mobil's Summer Engineering Experience Program.



Representatives of Mobil Oil Company are shown presenting a \$1,000 scholarship to Johnnie Johnson an engineering student.

Bless This House

Bless this house, O Lord we pray,
 Make it safe by night and day;
 Bless these walls, so firm and stout,
 Keeping want and trouble out;
 Bless the roof and chimneys tall,
 Let Thy peace lie over all;
 Bless this door, that it may prove
 Ever open to joy and love.
 Bless these windows shining bright,
 Letting in God's heav'nly light;
 Bless the hearth a-blazing there,
 With smoke ascending like a prayer;
 Bless the folk who dwell within;
 Keep them pure and free from sin;
 Bless us all that we may be
 Ft, O Lord, to dwell with Thee,
 Bless us all that one day we
 May dwell, O Lord with Thee.

Alpha Phi Alpha News



Pictured above are the Graduate and Under-Graduate Brothers of Epsilon Tau Lambda and Eta Gamma Chapters of Alpha Phi Alpha Fraternity Incorporated. Also pictured is Miss Alpha Phi Alpha, Jacqueline Ball,

AKA, Senior, Business Major from San Antonio, Texas. Miss Ball was crowned following the Founder's Day Program, December 6, at the Installation Banquet.

Navy Dental Scholarship

The Navy will offer a full scholarship program to selected candidates who will enter dental school in the Fall of 1971.

Applications will be accepted from students who hold letters of acceptance to accredited schools of dentistry, but have not yet begun their training. Active duty naval personnel who meet this requirement are also eligible for the program.

The dental student scholarship program is similar to the medical and osteopathic scholarship program implemented by the Navy earlier this year. Candidates selected for this program, in addition to full tuition which includes required fees, will receive the pay of a naval officer,

ranging from \$6,000 to \$10,000 depending upon ranks, and full medical care for themselves and their dependents.

Selected candidates who receive a four year scholarship must obligate themselves to serve on active duty for five years after graduation from dental school. Rotating dental internships granted to graduates of this program will not count towards this period of required obligated service.

Interested candidates may obtain full information concerning the dental scholarship program from any main Navy Recruiting Station. Applications will not be accepted until January 1, 1971.

Engineering Education

Relevance is the key word in the question and it; definition means pertinent to the matter at hand. With this basic definition it is feasible to raise the question what is pertinent in Engineering Education?

The question proposed, relates to a most complex answer; for there are several major factors to be determined; such as, a clear articulation of the role of engineering in society, the adequacy and the flexibility of the system of education for creating engineers to cope with future demands, the development of methodologies and techniques to educate the engineer to be innovative and creative yet practical in solutions to problems.

Throughout the years

engineering education has moved from a overly concentrated technically oriented curriculum, to a more balanced program of study. Increasing emphasis is being placed on a broad scope of general education which affords the student a broader base in the humanities, and social sciences; for the engineer's competence in science and technology must be tempered with the understanding of man and man-made society; for whatever the engineer does, will affect society.

If engineering education is to be relevant; if engineering education is to be pertinent to the matter at hand; then engineering education must become more process oriented and less dominated.

THE PRAIRIE VIEW PANTHER

Published Semi-Monthly in the Interest of a Greater Prairie View A. and M. College. The PANTHER serves as the voice of Pantherland.

Prairie View A&M College is open to all, regardless of race, color, religion, or national origin.

Any news items, advertising, or matters of interest to THE PANTHER may be presented to the Department of Student Publications, Room B-6 Administration, Extension 276-277.

NATIONAL ADVERTISING REPRESENTATIVE —
 National Educational Advertising Service
 360 Lexington Avenue
 New York, N. Y. 10017

Bealy News Print

Gifts you'll hate to give.

RONNIE DYSON
 (IF YOU LET ME
 MAKE LOVE TO
 YOU THEN)
**WHY
 CAN'T I
 TOUCH
 YOU?**
 INCLUDING:
 WHY CAN'T I
 TOUCH YOU?
 BRIDGE OVER
 TROUBLED WATER
 I DON'T WANNA CRY
 MAKE IT WITH YOU
 FEVER/SHE'S GONE

Some of today's biggest hits sung in the fresh soulful style of one of today's brightest talents: Ronnie Dyson.

SANTANA/ABRAXAS
 including:
 Black Magic Woman Gypsy Queen
 Hope You're Feeling Better
 Incident At Neshabur
 Mother's Daughter
 El Nicoya

Santana's 2nd album is filled with some of the same heavy Latin Soul-Rock that made their first album.

SLY & THE FAMILY STONE
GREATEST HITS
 I WANT TO TAKE YOU HIGHER
 THANK YOU Falettinme Be Mice Elf Agin
 DANCE TO THE MUSIC/STAND! EVERYDAY PEOPLE
 and more

Just what the title says, all of the best from this fantastic rhythm group.

**O.C. SMITH'S
 GREATEST
 HITS**
 Little Green
 Apples
 The Son Of
 Hickory Holler's
 Tramp
 Friend, Lover,
 Woman, Wife
 Primrose Lane
 Honey
 and more

All the soulful, unaffected styling of all the hits that made O.C. popular.

**MILES DAVIS
 AT FILLMORE**
 INCLUDING
 WEDNESDAY MILES THURSDAY MILES
 FRIDAY MILES SATURDAY MILES

Miles Davis' appearance at Fillmore East and West last summer blew a lot of minds. A specially priced 2-record set.

**BESSIE SMITH
 ANY WOMAN'S BLUES**
 including:
 Nobody Knows You When You're Down And Out
 Jail House Blues / I'm Going Back To My Used To Be
 Frosty Morning Blues / I'm Wild About That Thing

The 2nd of five specially priced 2-record sets comprising Bessie Smith's legacy of 160 existing recordings.

**Otis Spann
 Is The Blues**
 including:
 The Hard Way/Country Boy/Great Northern Stomp
 Otis In The Dark/Beat Up Team

A re-issue of the hard-to-get Candid recordings made by Otis Spann in 1961.

**MONGO SANTAMARIA'S
 GREATEST HITS**
 Watermelon Man/El Pussy Cat/Cloud Nine
 Sitting On The Dock Of The Bay/Cold Sweat
 and more

All the hits that made Mongo's brand of Afro-Cuban-Latin Rock and Jazz popular.

*Also available on tape.

Any one of these albums will be pretty hard to part with. But if that's how you feel when you buy them, think how others will feel when they get them.

On Columbia, Epic and Barnaby Records.





Music and dancing were the bill of fare during the annual Prairie View A&M College Naval R. O. T. C. Christmas Hall held at the Newman Center on the evening of 11 December. Music was provided by the "MOD Moderators" with approximately 40 Midshipmen and their dates attending the formal affair.

Omegas Salute Grad Brother

Rho Theta, Undergraduate Chapter here at Prairie View A. & M. College, extends fraternal and whole-hearted congratulations to Brother Al (Sequin) Williams. Bro. Williams, an August 1969 graduate, has successfully completed a 12 month graduate assistantship in Biology. He has only to complete his thesis and two exams before he would have earned a Master's of Science degree in Biology. He is presently doing his research entitled "A Study of Physiological (Axial) Gradients in Amphibian Eggs" under Dr. Edward Martn, a fellow graduate brother and also a member of the

famed Biology Dept.

He is a "charter" member of Alpha Phi Omega National Service Fraternity, Beta Beta Beta Biological Honor Society and the Omega Psi Phi Fraternity, Inc. Bro. Williams hopes to pursue the doctorate degree level at Stanford University and go into Medical Research after Active Duty. Again fraternal and whole-hearted congratulations are extended to one of our "coldest" brothers.

ALL FREE

School bulletin board: "Free. Every Monday through Friday — knowledge. Bring your own container."

Science Prof. Listed in 1970

"Leaders in Education"

The name of Robert E. Gibson, Associate Professor of Swine Education, will be included in the 1970 Edition of "Leaders In Education". The Fourth Edition of the publication is expected soon from Jaques Cattel Press, Temple, Arizona.

doctorate at Northwestern and Illinois Tech.



Robert E. Gipson

Mr. Gibson has written several articles in the field of science, growing out of research in the field. A native of Mississippi, he holds the MA degree from Northwestern University and has worked toward the

Dr. Faggett To Serve As Reader in National Testing

Educational Testing Service, Princeton, N. J., has appointed Dr. Harry L. Faggett as a reader of the 1971 Advanced Placement Examination in English.

Dr. Faggett's services will be required in January for the 1971 College Board English Composition Test. The reading session will be held at the Shelburne Hotel in Atlantic City, New Jersey.

The Director of Freshman Studies will serve again in June at Rider College near Princeton.

Scholarship

CONTINUED from Page 1

Teachers College, Columbia University for 1971-72 is dependent on financial aid.

Eligibility

Open only to United States citizens who are Black, Puerto Rican, or who have been educationally disadvantaged.

Application Procedures

Request the Minority Group Scholarship application kit from the Director of Admissions, Teachers College, Box 197, 525 West 120 Street, New York, New York 10027. The kit contains admissions and scholarship applications and the catalogue. Return the completed application for admission to the Office of Admissions and the completed scholarship application to the Office of Student Aid as indicated on each application.

Additional Financial Aid

Scholarship winners who need additional money for college fees, books, and living expenses will be afforded an opportunity to apply for a student loan.

Deadline

Completed applications for admission and for Minority Group Scholarships and supporting credentials must be received not later than February 1, 1971. Awards will be announced April 1, 1971.

Why doesn't General Electric sell new ideas to the cities instead of new gadgets to the suburbs?

After thirty years or more of neglect, there's no question our cities need help.

But what kind of help?

Will another thousand sanitation men be the answer to dirty streets?

Will doubling the police force finally bring crime under control?

Can new rent laws force landlords to provide more low-income housing?

All the old, obvious ideas have been tried. What's needed are new ideas and new technological developments.

General Electric has been working on the problems of cities for a number of years now. And in that time we've come up with some things we think will help.

Garbage

General Electric research has come up with what is probably the most revolutionary idea in garbage disposal in years. Our scientists are working toward a process by which a special strain of bacteria converts garbage into a high-protein food for cattle.

The process is still something of a "laboratory trick," but it could be in the pilot-plant stage in as little as three years.

Crime

You might not expect a company like General Electric to be doing anything about crime.

But the fact is, GE has been working with the Syracuse police, looking for a new approach to the problem. Our scientists there came up with a whole new concept in police organization called "Crime Control Teams."

In their first year, these teams were credited with cutting crime 62% in one large, representative neighborhood of Syracuse. And the concept has since been adopted by a number of other cities.

Housing

To meet the critical need for new low-income housing, General Electric is participating in the Department of Housing and Urban Development's Operation Breakthrough.

While GE has no intention of going into commercial home building, we do hope to supply the builder-developer with new products needed to improve his efficiency.

We now have several design prototypes of advanced, modular homes that can be assembled in a matter of hours.

These are just a few of the new ideas General Electric has come up with to help cities at the same time that we continue to improve

"gadgets" to help people.

We don't think our home products are at all unnecessary or frivolous. If they seem that way, it's because people have forgotten how much they rely on them. To wash dishes. To wash clothes. To keep warm. To keep cool. To entertain. And on and on.

New ideas for the cities and new "gadgets" for the home both have the same end in mind, after all. To help people live better.

Why are we running this ad?

We're running this ad, and others like it, to tell you the things General Electric is doing to solve the problems of man and his environment today.

The problems concern us because they concern you. We're a business and you are potential customers and employees.

But there's another, more important reason. These problems will affect the future of this country and this planet. We have a stake in that future. As businessmen. And, simply, as people.

We invite your comments. Please write to General Electric, 570 Lexington Ave., New York, N.Y. 10022.

GENERAL  ELECTRIC

PV Alumnus Advisor in Ethiopia

Mr. Louis Perkins, Advisor to the Ethiopian Government on Science, visited his former professor, T. P. Dooley, on a one-day trip to the campus recently. He was accompanied by his charming wife and a family friend, Mrs. J. A. Williams of Houston, Texas.



During his undergraduate days as a Biology major, he worked with Dr. Dooley on a problem of cancer in rats which he continued with his high school students where he taught in Houston, Texas. He was active in many campus activities including that of assisting the Reverend Lee C. Phillip at the eleven o'clock services on Sunday morning.

Mr. Perkins has been in Asmara, Ethiopia, for the past 27 months on a government assignment, and it is evident that he moved in the high governmental society of Ethiopia as the above picture shows him accepting congratulations from Emperor Haile Selassie. It is also apparent that his work was outstanding as he has been asked to return for another assignment this time at the expense of the Ethiopian Government.

He had many interesting experiences to relate, and when he returns to

America after the expiration of his new assignment, it would be a wonderful experience for the Prairie View students to have him speak to them and show some of the many pictures and slides that he has of the Ethiopian culture.

Mr. Perkins is one of the many Prairie View graduates who have important positions in government, both at home and in foreign countries.

Dr. Woolfolk Speaks at Southern Historical Meet

Dr. George R. Woolfolk, Chairman of the Prairie View History department, recently returned from the Southern Historical Association's annual meeting in Louisville, Kentucky.

Dr. Woolfolk had been invited by Dr. John Hope Franklin, Chairman of the History Department at University of Chicago, and 1971 President-elect of the Association, to plan four program sessions for the 1971 meeting which will be held at the Rice Hotel in Houston.

Dr. Woolfolk chose the following topics as most likely to further interest in the region's history: 1. The American Records Management Association; 2. The American Revolution Bicentennial Commission; 3. The National Aeronautics and Space Admin-

Biology Seminar

The students and faculty of the Biology Department enjoyed a stimulating seminar by Dr. Anthony Sinskey on Thursday, November 19. Dr. Sinskey is an assistant professor of applied microbiology in the department of Nutrition and Food Sciences at the Massachusetts Institute of Technology in Cambridge, Mass. His seminar here at the P. V. campus dealt with research being carried out at MIT on single cell proteins. It is envisioned that microorganisms, which are grown on various waste products, may be harvested to provide a rich source of protein to supplement the protein deficient diets in many of the over populated (and under fed) countries of the

world.

Dr. Sinskey and his group at MIT are conducting research into the possibilities of growing yeast and bacteria on inexpensive raw materials such as hydrocarbons from petroleum. He also discovered the technical problems associated with harvesting and processing these microorganisms to obtain a palatable high protein food supplement. He pointed out that these single cell proteins, unlike traditional agriculture products, can be grown on a year around basis and in areas where row crops will not grow, such as deserts or large cities. Dr. Sinskey suggested that microorganisms might offer advantages in feeding an over-populated world because of their rapid growth and high percentage of essential protein material.

Biology Professor Attends Meet

Dr. B. K. Chopra, a faculty member in the Department of Biology, attended the annual national meetings of the American Society of Phytopathology in Hot Springs, Arkansas in October. This society has annual meetings to enable scientists from the colleges and universities throughout the country to present results of current research. This allows fellow scientists to keep up to date with various aspects of plant diseases (phytopathology). Dr. Chopra reports that there are numerous papers given in his area of special interest. He also feels the general consensus of the 300 scientists attending the meetings agree with him in that each year the merits of the papers increase. Dr. Chopra hopes that Prairie View Biology graduate students will be able to attend future meetings and perhaps report on their research.

Engineering News

Dr. M. D. Srinath, Associate Professor of Information and Control Sciences at Southern Methodist University, Dallas, Texas, will present a lecture-demonstration on "Nonlinear Systems, Characteristics and Thursday, November 19, 1970 at 3:30 p.m. in Room 109 of the Engineering Building.

Dr. M. D. Srinath was born in Bangalore, India. He obtained the Ph.D. degree in Electrical Engineering from the Univ. of Illinois, Urbana in 1962. He has taught at the University of Kansas, Lawrence, and the Indian Institute of Science, Bangalore, India. Currently he is Associate Professor in the Information and Control Sciences Center of the Southern Methodist University in Dallas, Texas. His main interests are in the areas of system theory, optimal control and information systems and he has several publications in these areas.

This lecture will involve the study of modeling of physical systems which is a necessary basic step in many problems of engineering analysis and design. Depending on their physical behavior, a system can be classified as linear or nonlinear. The significance of the study of nonlinear systems stems from the inherent nonlinear nature of most physical systems and

that failure to account for slight nonlinearities in an analysis or design of systems can have detrimental effects. Nonlinear systems differ from linear systems in many ways. Interesting phenomena like jump resonance, asynchronous oscillations, subharmonic and harmonic generation, etc., are characteristics of nonlinear systems only. Some of these phenomena will be discussed and techniques for analysis of nonlinear systems outlined.

This is the first lecture-demonstration, in the 1970-71 Engineering Lecture Series, which is conducted by the School of Engineering. The Engineering Lecture Series, is designed to augment, supplement and enhance the Engineering studies at the College as well as to expose the engineering and College community to new developments and the rapid changes which are taking place in technology and in society; thus, creating and presenting new challenges to the engineering profession. The Engineering Lecture Series is also designed to create an awareness of the high-level competence and deeper understanding of the engineer's relation to the world which is fashioned and molded to a great degree by his work and the resulting responsibilities, which must be borne by him as a leader of society.

COAT MADNESS

UNBELIEVABLE

Sidewalk Sale

Of Ladies - Mens - Boys

COATS & JACKETS
Fantastic Savings

Savings Up To 50%

Savings Up To 50%

Saturday Only Dec. 19 8:30 A.M. 6:00 P.M.

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