



ELECT
J. W. "Jim"
O'BRIEN

County Commissioner — Precinct 1
Class '52
(Paid Pol. Adv. by friends of Jim O'Brien)

**Five Ag Students Honored,
Receive \$300 Scholarships**

Five Texas A&M College of Agriculture students were honored at a banquet here Wednesday night as winners of \$300 Moorman Manufacturing Company Scholarships.

They were James G. McManigal of Happy, animal science junior; David Earl Reue of Brenham, agronomy junior; Kermit L. Wendland of Miles, agricultural education sophomore; Douglas J. Zenner of Fredericksburg, animal science junior; and Charles W. Zwahr of Needville, agricultural education major.

Carroll H. Rabel of Rosanky, senior agricultural education major, also was honored as a past 4-H Club Swine Award winner.

The Moorman Manufacturing Company, with headquarters at Quincy, Ill., produces minerals and feed concentrates for livestock.

A&M personnel at the banquet were Dr. H. O. Kunkel, dean of agriculture and acting director of the Texas Agricultural Experiment Station; Dr. R. C. Potts, associate dean of agriculture for instruction; Floyd Lynch, State 4-H Club Leader, Agricultural Extension Service; and Hal Taylor, editor and head of the Agricultural Information Department.

**Simulated Game
Subject Of Paper**

Technical papers applying the science of gaming to football and civil disasters will be presented by Dr. Glen Self of Texas A&M's Industrial Engineering Department at a National Gaming Council symposium April 28-30 at Pacific Grove, Calif.

Dr. Self, an assistant professor, teamed with Kurt Schember of College Station, graduate student in computer science, and Jim Thomas of Baytown, Air Force major now on duty in Vietnam, in preparation of the report concerning simulated football games.

They programmed a computer in a manner that permits competitive strategies to be tried against empirical statistical data. The inputs are essentially a two-person game, in that they represent the offensive and defensive coaches' decisions as to strategies in various field positions and down situations.

Each player has sets of offensive and defensive strategies which he uses as reactions to various game conditions, Self noted. The gain or loss on a particular play is determined by the type of defense which has been set up.

Output from the game provides a play-by-play account of the action, including penalties, fumbles, intercepted passes, incomplete passes, and the resulting gains, losses and scoring.

The 1967 Texas A&M schedule was "played" by the researchers several months prior to the September opening kickoff. The computer predicted an 8-2 season for the Aggies, with losses to SMU and LSU. The mechanical brain overlooked some human factors which caused additional losses to Purdue and Florida State, Self pointed out.

Dr. A. W. Wortham, Industrial Engineering Department head, and Ph.D. candidates R. W. Lawless of Baytown, and H. C. Jones of Monett, Missouri, made the contingency planning study.

A library of such data as number of doctors and other medical personnel, quantities of supplies, and units of transportation are stored for each geographical area.

A particular disaster, such as bombing or tornado, is specified to begin the gaming exercise. The effect of this disaster is output as a report which lists such information as number of people killed, injured, uninjured and available resources and required resources for each area.

This information, Dr. Wortham explained, enables the participant to allocate available resources from areas with a surplus to areas with a deficit, taking into account the travel time involved. An effectiveness index for the allocation is computed and output in the final report. Participants may study results of various strategies and learn optimal allocation policies.

BATTALION CLASSIFIED

Political Announcements

Subject to action of the Democratic Primary May 4, 1968.

For Congressman, Sixth Congressional District:

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(Re-Election)

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GARAGE SALE 1505 Laura Lane, C.S. 46-743. All day Saturday (8-7). Clothes, Shoes, Purses, Hats, Jewelry, Knick-Knacks, Etc. 5712z

Senior Boots, Shoe 11-12, Calif 15-17, \$30. Phone 846-8738 after 5. 5712z

Pair of fine English riding boots. Slightly used. I will be at the MSC April 26 all day, or write Herbert Voelcker, 6327 Deerwood, Houston 77027. 5691a

SPORTS CAR: 1964 Sunbeam Alpine Series 111, new top, wire wheels, radio, 850, 846-6821 5691fn

1966 Suzuki 120. Saddle bags, cover, helmet. Good condition. \$250. Dorm 118, Room 411 after 6:30. 5691a

SAILBOATS - Fiberglass "Scorpion" (similar to Sunfish). \$424.50, delivered. Contact Windward Sailboats, 1108 Koenig Lane, Austin. 465-9215, 463-1768. 5691a

HURRY—Only one left, New 1967 Mustang, Lime Gold, Ivy Gold Interior, V-8, Air, Automatic, Radio, Console, WSW, Wheel Covers, Etc. Save over \$700. Authorized Ford Dealer, Calvert Motors, Calvert, Texas. Phone FM 4-2384. 5671fn

BATTALION CLASSIFIED

Final examinations for the Spring Semester 1968 will be held May 24 - June 1, according to the following schedule:

Date	Hour	Courses
May 24, Friday	8-11 a.m.	Classes meeting MWF8
May 24, Friday	1-4 p.m.	Classes meeting MWF12
May 27, Monday	8-11 a.m.	Classes meeting TTh8F1
May 27, Monday	1-4 p.m.	Classes meeting MWF11
May 28, Tuesday	8-11 a.m.	Classes meeting MWF12
May 28, Tuesday	1-4 p.m.	Classes meeting MWF9
May 29, Wednesday	8-11 a.m.	Classes meeting M3TTh10
May 29, Wednesday	1-4 p.m.	Classes meeting TF2 or TWF3 or TThF3
May 30, Thursday	8-11 a.m.	Classes meeting MWF10
May 30, Thursday	1-4 p.m.	Classes meeting TTh12
May 31, Friday	8-11 a.m.	Classes meeting M4TTh11
May 31, Friday	1-4 p.m.	Classes meeting MWF11
June 1, Saturday	8-11 a.m.	Classes meeting TTh9F2
June 1, Saturday	1-4 p.m.	Classes meeting TF1

NOTE: Final examinations in courses with only one theory hour per week as shown in the catalogue will be given at the discretion of the department head concerned, at the last meeting of either the theory or practice period before the close of the semester. 5711z

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Experienced Beauty Operator. Ideal Working Conditions 822-7588 at night. 56918

Wanted, two registered nurses for supervisor on 3 to 11 shift at Madison County Hospital, Madisonville, Texas. Excellent Salary. Call collect, DI 8-2631, Miss Gloria Rice or Mr. E. G. Clark. 4654fn

WORK WANTED

Typing, 846-5992, before 12:30, after 5. 5621fn

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CHILD CARE

HUMPTY DUMPTY CHILDREN CENTER, 3400 South College, State Licensed. 823-8626, Virginia D. Jones, R. N. 991fn

TRY BATTALION CLASSIFIED

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Completely furnished, three bedroom brick house. For information Call 823-8109 before 6 p. m. 5711fn

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House in Country (Rock Prairie) remodeled, include grandpa for one or two babies and cook supper for aggie and working wife. For particulars come out or write Mrs. Cora L. Carroll, Route 3 Box 274, Bryan, Texas or call 846-8156. 5691a

Recently renovated apartment for rent. Unfurnished. Space for animals. 1814 Fin Feather Road. Water and Butane furnished. Contact W. F. Davis. 822-3518. 5661fn

STATE MOTEL, rooms and kitchen, day and weekly rate, near the University, 846-5410. 5561fn

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ATTENTION GRADUATING SENIORS

You may pick up your invitations at the TV room, Memorial Student Center. Please pick up these invitations April 29, 1968, thru May 24, 1968, Mon. - Fri., 8-5.

Special notice to those graduating seniors who did not order their graduation invitations. The EXTRA INVITATIONS will go on sale Monday, May 13, 1968, at 8:00 a. m. at the Memorial Student Center, Cashier's Window. These invitations are sold on a first-come, first-serve basis only.

OFFICIAL NOTICE

Official notices must arrive in the Office of Student Publications before deadline of 1 p. m. of the day preceding publication.

GRADUATE RECORD EXAMINATION

The Graduate Record Examination originally scheduled for 412 Academic will be held in Nagle Hall April 27, Saturday at 8:30 and 1:30. 5712z

ENGLISH PROFICIENCY EXAMINATION: The English Proficiency Examinations for majors in Botany, Microbiology, Zoology, and Entomology (College of Science) will be given April 30 at 4:00 p. m. in room 107 Biological Science Building. Examinees should bring pen, pencil and dictionary. 57013

THE GRADUATE COLLEGE

Final Examination for the Doctoral Degree Name: Matocha, John Edward Degree: Doctor of Philosophy in Soil Chemistry 57013

Dissertation: The Influence of Phosphorus on the Iron, Potassium and Nitrogen Nutrition of Grain Sorghum on Dark, Montmorillonitic Soils of Texas Degree: Doctor of Philosophy in Soil Chemistry 57013

Final Examination for the Doctoral Degree Name: Johnston, Wallace Lamont Degree: Doctor of Education in Industrial Education 57011

Dissertation: Factors Influencing Certain Pre-engineering Students in Selecting a Four-Year Institution for the Completion of an Engineering Degree Degree: Doctor of Philosophy in Plant Pathology 57011

Final Examination for the Doctoral Degree Name: Watkins, Ivan Dean Degree: Doctor of Philosophy in Physics 56914

Dissertation: A Study of the Electronic Transition of Sulfur Dioxide in Air Degree: Doctor of Philosophy in Plant Pathology 56914

Final Examination for the Doctoral Degree Name: Gatson, Piya Degree: Doctor of Philosophy in Plant Pathology 56914

Dissertation: Studies on the Variation in Pathogenicity of *Puccinia Gryzae* Cav. The Organism Causing Rice Blast. Degree: Doctor of Philosophy in Civil Engineering 56914

Final Examination for the Doctoral Degree Name: Maxwell, Donald Allan Degree: Doctor of Philosophy in Civil Engineering 56914

Dissertation: NGI System Design Degree: Doctor of Philosophy in Education 56612

Dissertation: The Impact of Social Change on the Lutheran Elementary Parochial School in Texas Degree: Doctor of Philosophy in Education 56612

Final Examination for the Doctoral Degree Name: Becker, E. George Degree: Doctor of Philosophy in Education 56612

Dissertation: An Analysis and Revision of the Road Rules, and Road Signs, Parts of the Texas Operator's License Examination Degree: Doctor of Philosophy in Education 56613

Final Examination for the Doctoral Degree Name: Dorsey, Oscar Lee Degree: Doctor of Philosophy in Education 56613

Dissertation: Comparison of Selection Procedures in National Science Foundation Academic Year Institution for Junior High School Teachers with a Prediction Study for Participants. Degree: Doctor of Philosophy in Education 56613

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NATIONAL INCOME Growing Quickly

"The national average family income in the year 2000 is projected to be \$36,000, but before you start making plans to spend the money please note that a regular haircut is expected to cost \$10."

Bookman Peters, president of the Bryan-College Station Chamber of Commerce, made the comment during a talk Wednesday at the Brazos County A&M Club.

"Projections also call for the delivery of a baby to cost \$640," Peters pointed out. "The year 2000 sounds like forever in the future, but it's not."

Peters, a 1959 Texas A&M graduate and president of Bryan's City National Bank, said A&M's current 12,000 enrollment is expected to grow to 20,000 by 1976, with 5,500 of that number being graduate students.

"Every time enrollment increases by a single student, statistics show that you can add three and one-half people to the community along with that student," the speaker explained. "This means a 35,000 increase in the Bryan-College Station population by 1976 if nothing else happens."

Peters said the critical point is the tremendous demand for financial support for "growth that this community is destined to have in the areas of additional business and for providing goods and services — professional services — and in housing requirements."

"Can we generate the money to support this growth?" Peters questioned. "This is a significant challenge for business and professional talent to meet."

The speaker noted that \$37 million in additional construction are currently on the drawing board at A&M.

"A&M has added 250 faculty-staff members each year for the past five years," Peters said. "As the largest industry in this area, A&M has a sizeable influence on the community. It contributes \$67 million annually to the B-CS economy."

Lions To Honor Consol Teachers

Teachers of the A&M Consolidated Schools will be honored by the College Station Lions Club with an appreciation dinner at 6:30 p.m. Monday at the Ramada Inn.

This